GOODWE




# Quick Installation Guide

## Smart Dongle

(WiFi/LAN Kit-20 & WiFi Kit-20)

V1.4-2025-10-30

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## 01 General Statement

EN

- The information in this guide is subject to change due to product updates or other reasons. This guide cannot replace the safety precautions on the product labels unless otherwise specified. All descriptions in this guide are for guidance only.
- Read through this guide before installations.
- All operations should be performed by trained and knowledgeable technicians who are familiar with local standards and safety regulations.
- Before installation, check the deliverables for correct model, complete contents, and intact appearance. Contact after-sales service if there is any abnormality.
- Strictly follow the installation, operation, and configuration instructions in this guide. The manufacturer shall not be liable for equipment damage or personal injury if not following the instructions. For more warranty details, please visit: https://www.goodwe.com/warrantyrelated.html.

## 02 Technical Parameters

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Device Management** | | |
| Max. Number of Connected Devices | 1 | 1 |
| **Power** | | |
| Input Voltage (V) | 5 | 5 |
| Power Consumption (W) | ≤3 | ≤3 |
| Connection Interface | USB | USB |
| **Communication** | | |
| Ethernet Interface | 10M/100Mbps Self-adaption | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| WLAN Max. Transmit Power | ＜20dBm | |
| WLAN Bandwidth | 20/40MHz | |
| WiFi Operating Mode | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mechanical** | | |
| Dimensions (W×H×D mm/in) | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| Weight (g/lb) | 82g (0.18lb) | 54g (0.11lb) |
| Indicator | LED* 2 | LED* 2 |
| Installation | Plug and Play | Plug and Play |
| **Environment** | | |

| | | |
|---|---|---|
| **Operating Temperature Range (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Storage Temperature Range (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relative Humidity** | 0-95% | 0-95% |
| **Ingress Protection Rating** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. Operating Altitude (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

# 03 Declarations

## EU Declaration of Conformity

The equipment with wireless communication modules sold in the European market meets the requirements of the following directives:

- Radio Equipment Directive 2014/53/EU (RED)
- Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)
- Waste Electrical and Electronic Equipment 2012/19/EU
- Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No 1907/2006 (REACH)

You can download the EU Declaration of Conformity on https://en.goodwe.com.

## FCC

**Federal Communications Commission (FCC) Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible

for compliance could void the user's authority to operate this equipment.

**RF exposure warning**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

**ISED Canada RSS-Gen Notice**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage ;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**ISED Canada ICES-003 Compliance Label**

This is only required if product is within ICES-003 scope and is not exempt: * Insert either "A" or "B", but not both, to identify the applicable Class of the device used for compliance verification.

"CAN ICES-3 (B)/NMB-3(B)"

**RF Exposure Guidance Statement**

For equipment used a specified distance (more than 5mm away from persons

In order to comply with ISED RF Exposure requirements, this device must be installed to provide at least 20 cm separation from the human body at all times.

Afin de se conformer aux exigences d'exposition RF ISED, cet appareil doit être installé pour fournir au moins 20 cm de séparation du corps humain en tout temps.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Lors de l'installation et du fonctionnement de cet équipement, la distance minimale entre le radiateur et le corps doit être de 20 cm.

## Other Statements

**Vulnerability feedback statement**

Please send the detailed description of the product vulnerability to service@goodwe.com. After receiving the vulnerability report, we will analyze it and reply to the customer within 7 days. When the vulnerability is confirmed, we will provide a fixing plan within 30 days. After the plan is confirmed, we will fix the vulnerability and verify it,and issue updates within 90 days.

**Remote Data Collection Statement**

Equipment manufacturers will regularly and remotely collect limited non sensitive data generated during product use, including abnormal event information and indicator information, such as system alarm information, illegal operation records, abnormal scalar measurement, etc. This can help the backend technical team of equipment manufacturers timely discover problems in the system and respond, reducing customer losses.

**Service Term Statement**

The equipment manufacturer promises to provide continuous updates and maintenance of software and security functions for a period of 5 years after product release.

## 01 Обща информация

BG

- Информацията в това ръководство подлежи на промяна заради актуализации на продукта или други причини. Това ръководство не може да замени предпазните мерки за безопасност на етикетите на продукта, освен ако не е посочено друго. Всички описания в това ръководство са само с ориентировъчна цел.
- Прочетете това ръководство преди инсталиране.
- Всички операции трябва да се извършват от обучени и компетентни техници, които са запознати с местните стандарти и разпоредби за безопасност.
- Преди инсталиране, проверете доставените материали за правилен модел, пълно съдържание и непокътнат външен вид. Свържете се с отдела за следпродажбено обслужване при някаква констатирана нередност.
- Спазвайте стриктно инструкциите за инсталиране, работа и конфигуриране в това ръководство. Производителят не носи отговорност за повреда на оборудването или за телесни повреди, ако не се спазват инструкциите. За повече подробности относно гаранцията, моля, посетете: https://www.goodwe.com/warrantyrelated.html.

## 02 Технически параметри

| Модел | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Управление на устройството** | | |
| **Макс. брой свързани устройства** | 1 | 1 |
| **Захранване** | | |
| **Входно напрежение (V)** | 5 | 5 |
| **Консумация на мощност (W)** | ≤3 | ≤3 |
| **Интерфейс за свързване** | USB | USB |
| **Комуникация** | | |
| **Ethernet интерфейс** | 10M/100Mbps самонагаждане | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Макс. излъчена мощност** | ＜20dBm | |
| **WLAN честотна лента** | 20/40MHz | |
| **WiFi работен режим** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Механични** | | |

| | | |
|---|---|---|
| **Размери (Ш×В×Д mm/ in)** | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| **Тегло (g/lb)** | 82g (0.18lb) | 54g (0.11lb) |
| **Индикатор** | LED* 2 | LED* 2 |
| **Инсталация** | Plug and Play | Plug and Play |
| **Околна среда** | | |
| **Работен температурен диапазон (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Диапазон на температура на съхранение (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Относителна влажност** | 0-95% | 0-95% |
| **Степен на защита (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Макс. работна надморска височина (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 ЕС декларация за съответствие

Оборудването с модули за безжична комуникация, продавано на европейския пазар, отговаря на изискванията на следните директиви:

- Директива за радиооборудване 2014/53/ЕС (RED)
- Директива за ограничаване на опасните вещества 2011/65/ЕС и (ЕС) 2015/863 (RoHS)
- Отпадъци от електрическо и електронно оборудване 2012/19/ЕС
- Регламент относно регистрацията, оценката, разрешаването и ограничаването на химикали (ЕО) № 1907/2006 (REACH)

Можете да изтеглите Европейската декларация за съвместимост от официалния уебсайт: https://en.goodwe.com.

## 01 Obecné prohlášení

CS

- Informace v této příručce se mohou změnit v důsledku aktualizace produktu nebo z jiných důvodů. Tato příručka nemůže nahradit bezpečnostní opatření uvedená na štítcích výrobků, pokud není uvedeno jinak. Všechny popisy v této příručce jsou pouze orientační.
- Před instalací si přečtěte tuto příručku.
- Všechny činnosti musí provádět proškolení a kvalifikovaní technici, kteří jsou obeznámeni s místními normami a bezpečnostními předpisy.
- Před instalací zkontrolujte správnost modelu, úplnost obsahu a neporušený vzhled dodávaného materiálu. V případě jakýchkoli abnormalit kontaktujte poprodejní servis.
- Důsledně dodržujte pokyny pro instalaci, provoz a konfiguraci uvedené v této příručce.. Výrobce nenese odpovědnost za poškození zařízení ani zranění osob v případě nedodržení pokynů. Další informace o záruce naleznete na: https://www.goodwe.com/warrantyrelated.html.

## 02 Technické parametry

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Správa zařízení** | | |
| Max. počet připojených zařízení | 1 | 1 |
| **Napájení** | | |
| Vstupní napětí (V) | 5 | 5 |
| Příkon (W) | ≤3 | ≤3 |
| Připojovací rozhraní | USB | USB |
| **Kommunikace** | | |
| Rozhraní Ethernet | 10M/100Mbps samonastavení | / |
| Bezdrátová LAN (WLAN) | IEEE 802.11 b/g/n @2.4 GHz | |
| Max. vysílací výkon WLAN | ＜20dBm | |
| Šířka pásma WLAN | 20/40MHz | |
| Režim WiFi | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mechanické parametry** | | |
| Rozměry (Š×V×H mm/in) | 48.3*159.5*32.1mm (1.9*6.3*1.3 in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| Hmotnost (g/lb) | 82g (0.18lb) | 54g (0.11lb) |
| Indikace | LED* 2 | LED* 2 |
| Instalace | Plug and Play (Zapoj a používej) | Plug and Play (Zapoj a používej) |

| Provozní prostředí | | |
|---|---|---|
| **Provozní teplotní rozsah (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Teplotní rozsah skladování (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relativní vlhkost** | 0-95% | 0-95% |
| **Krytí (stupeň ochrany)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. provozní nadmořská výška (m/ft)** | 4000m (13122 ft) | 4000m (13122 ft) |

## 03 EU prohlášení o shodě

Zařízení s moduly bezdrátové komunikace prodávaný na evropském trhu splňuje požadavky následujících směrnic:

- Směrnice o rádiových zařízeních 2014/53/EU (RED)
- Směrnice 2011/65/EU a (EU) 2015/863 o omezení používání některých nebezpečných látek (RoHS)
- Směrnice 2012/19/EU o odpadních elektrických a elektronických zařízeních
- Nařízení (ES) č. 1907/2006 o registraci, hodnocení, povolování a omezování chemických látek (REACH)

Prohlášení o shodě EU si můžete stáhnout na oficiální webové stránce: https://en.goodwe.com.

## 01 Generel erklæring DA

- Oplysningerne i denne vejledning kan ændres som følge af produktopdateringer eller af andre årsager. Denne vejledning kan ikke erstatte sikkerhedsanvisningerne på produktetiketterne, medmindre andet er angivet. Alle beskrivelser i denne vejledning er kun vejledende.
- Læs denne vejledning igennem før installation.
- Alle handlinger bør udføres af uddannede og kyndige teknikere, som er bekendt med lokale standarder og sikkerhedsforskrifter.
- Kontroller, at den leverede model er korrekt, at indholdet er komplet, og at det fremstår intakt. Kontakt eftersalgsservice, hvis der skulle være noget, der ikke stemmer.
- Følg instruktionerne for installation, betjening og konfiguration i denne vejledning nøje. Producenten er ikke ansvarlig for skader på udstyret eller personskade, hvis du ikke følger instruktionerne. For flere oplysninger om garantien kan du besøge: https://www.goodwe.com/warrantyrelated.html.

## 02 Tekniske parametre

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Enhedsstyring** | | |
| **Maks. antal tilsluttede enheder** | 1 | 1 |
| **Strøm** | | |
| **Indgangsspænding (V)** | 5 | 5 |
| **Strømforbrug (W)** | ≤3 | ≤3 |
| **Tilslutningsinterface** | USB | USB |
| **Kommunikation** | | |
| **Ethernet-interface** | 10M/100Mbps selvtilpasning | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Maks. udsendelseseffekt** | ＜20dBm | |
| **WLAN Båndbredde** | 20/40MHz | |
| **WiFi-driftstilstand** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mechanical** | | |
| **Dimensioner (B×H×D mm/in)** | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| **Vægt (g/lb)** | 82g (0.18lb) | 54g (0.11lb) |
| **Indikator** | LED* 2 | LED* 2 |

| Installation | Plug and Play | Plug and Play |
|---|---|---|
| **Miljø** | | |
| **Driftstemperaturområde (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Opbevaringstemperaturområde (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relativ luftfugtighed** | 0-95% | 0-95% |
| **Beskyttelsesklasse (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Maks. driftshøjde (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU-overensstemmelseserklæring

Produktet med trådløse kommunikationsmoduler, der sælges på det europæiske marked, opfylder kravene i følgende direktiver:

- Direktiv om radioudstyr 2014/53/EU (RED)
- Direktivet om begrænsning af farlige stoffer 2011/65/EU og (EU) 2015/863 (RoHS)
- Affald fra elektrisk og elektronisk udstyr 2012/19/EU
- Registrering, vurdering, godkendelse og begrænsning af kemiske stoffer (EF) nr. 1907/2006 (REACH)

Du kan downloade EU-overensstemmelseserklæringen på det officielle websted: https://en.goodwe.com.

## 01 Allgemeines

DE

- Die Informationen in dieser Kurzanleitung können aufgrund von Produktaktualisierungen oder aus anderen Gründen geändert werden. Diese Kurzanleitung ersetzt nicht die Sicherheitskennzeichnungen am Produkt, sofern keine anderslautenden Festlegungen bestehen. Alle Beschreibungen in dieser Kurzanleitung dienen nur zur Orientierung.
- Beachten Sie vor dem Aufbau diese Kurzanleitung.
- Alle Arbeiten sollten von geschulten und sachkundigen Technikern durchgeführt werden, die mit den örtlichen Normen und Sicherheitsvorschriften vertraut sind.
- Überprüfen Sie vor dem Aufbau Ihre Geräte auf korrekte Modelle, Vollständigkeit und intaktes Aussehen. Bei irgendwelchen Auffälligkeiten verständigen Sie den Kundendienst.
- Beachten Sie genau die Anweisungen zu Aufbau, Betrieb und Konfiguration in der vorliegenden Anleitung. Der Hersteller haftet nicht für Geräte- oder Personenschäden aufgrund einer Nichtbeachtung von Anweisungen. Weitere Informationen zur Gewährleistung finden Sie unter: https://www.goodwe.com/warrantyrelated.html.

## 02 Technische Daten

| Modell | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Geräteverwaltung** | | |
| Max. Anzahl verbundener Geräte | 1 | 1 |
| **Stromversorgung** | | |
| Eingangsspannung (V) | 5 | 5 |
| Leistungsaufnahme (W) | ≤3 | ≤3 |
| Verbindungsanschluss | USB | USB |
| **Kommunikation** | | |
| Ethernet-Schnittstelle | 10M/100Mbps selbstadaptierend | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| Max. Sendeleistung WLAN | ＜20dBm | |
| WLAN-Bandbreite | 20/40MHz | |
| WiFi-Betriebsart | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mechanische Eigenschaften** | | |
| Abmessungen (B×H×T mm/in) | 48,3×159,5×32,1 mm (1,9×6,3×1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |
| Gewicht (g/lb) | 82g (0,18 lb) | 54g (0,11 lb) |
| Indicator | LED* 2 | LED* 2 |

| Installation | Plug and Play (Einstecken und Verwenden) | Plug and Play (Einstecken und Verwenden) |
|---|---|---|
| **Umgebungsbedingungen** | | |
| **Betriebstemperaturbereich (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Lagertemperaturbereich (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relative Luftfeuchtigkeit** | 0-95% | 0-95% |
| **Schutzart** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. Betriebshöhe (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU-Konformitätserklärung

Das auf dem europäischen Markt erhältliche Produkt mit drahtlosen Kommunikationsmodulen entspricht den folgenden Richtlinien:

- Funkanlagenrichtlinie 2014/53/EU
- Richtlinien 2011/65/EU und (EU) 2015/863 (RoHS) zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe
- Elektro- und Elektronik-Altgeräte 2012/19/EU
- Registrierung, Bewertung, Zulassung und Beschränkung von Chemikalien (EG) Nr. 1907/2006 (REACH)

Die EU-Konformitätserklärung ist als Download verfügbar auf der offiziellen Webseite: https://en.goodwe.com.

## 01 Γενική Δήλωση

EL

- Οι πληροφορίες σε αυτόν τον οδηγό υπόκεινται σε αλλαγές λόγω ενημερώσεων του προϊόντος ή για άλλους λόγους. Ο παρόν οδηγός δεν μπορεί να αντικαταστήσει τα προληπτικά μέτρα ασφαλείας ή τις ετικέτες του προϊόντος στο εγχειρίδιο χρήστη, εκτός εάν προσδιορίζεται διαφορετικά. Όλες οι περιγραφές σε αυτόν τον οδηγό είναι καθαρά ενδεικτικές.
- Διαβάστε αυτόν τον οδηγό πριν από τις εργασίες εγκατάστασης.
- Όλες οι εργασίες θα πρέπει να εκτελούνται από εκπαιδευμένους και καταρτισμένους τεχνικούς που είναι εξοικειωμένοι με τα τοπικά πρότυπα και τους κανονισμούς ασφαλείας.
- Πριν από την εγκατάσταση, ελέγξτε τα παραδοτέα για να βεβαιωθείτε για την ορθότητα του μοντέλου, την πληρότητα της συσκευασίας, καθώς επίσης ότι δεν υπάρχουν εμφανείς βλάβες. Επικοινωνήστε με την υπηρεσία εξυπηρέτησης μετά την πώληση εάν διαπιστώσετε οτιδήποτε ασυνήθιστο.
- Τηρείτε αυστηρά τις οδηγίες εγκατάστασης, χειρισμού και διαμόρφωσης σε αυτόν τον οδηγό. Ο κατασκευαστής δεν φέρει ευθύνη για βλάβες στον εξοπλισμό ή τραυματισμούς σε περίπτωση μη τήρησης των οδηγιών. Για περισσότερες λεπτομέρειες σχετικά με την εγγύηση, επισκεφθείτε την ιστοσελίδα: https://www.goodwe.com/warrantyrelated.html.

## 02 Τεχνικές παράμετροι

| Μοντέλο | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Διαχείριση Συσκευής** | | |
| **Μέγ. Αριθμός Συνδεδεμένων Συσκευών** | 1 | 1 |
| **Ενέργεια** | | |
| **Τάση Εισόδου (V)** | 5 | 5 |
| **Κατανάλωση Ισχύος (W)** | ≤3 | ≤3 |
| **Διεπαφή Σύνδεσης** | USB | USB |
| **Επικοινωνία** | | |
| **Διεπαφή Ethernet** | Αυτοπροσαρμοζόμενο δίκτυο 10/100Mbps | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Μέγ. Ισχύς Ακτινοβολίας** | ＜20dBm | |
| **WLAN Εύρος Ζώνης** | 20/40MHz | |
| **Λειτουργία WiFi** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mechanical** | | |

| | | |
|---|---|---|
| **Διαστάσεις (Π×Υ×Β mm/in)** | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| **Βάρος (g/lb)** | 82g (0.18lb) | 54g (0.11lb) |
| **Δείκτης** | LED* 2 | LED* 2 |
| **Εγκατάσταση** | Plug and Play | Plug and Play |
| **Περιβάλλον** | | |
| **Εύρος Θερμοκρασίας Λειτουργίας (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Εύρος Θερμοκρασία Αποθήκευσης (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Σχετική Υγρασία** | 0-95% | 0-95% |
| **Βαθμός Προστασίας (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Μέγ. Υψόμετρο Λειτουργίας (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 Δήλωση συμμόρφωσης ΕΕ

Ο εξοπλισμός με μονάδες ασύρματης επικοινωνίας που πωλείται στην αγορά της Ευρώπης πληροί τις απαιτήσεις των παρακάτω Οδηγιών:

- Οδηγία 2014/53/ΕΕ για τον ραδιοεξοπλισμό (RED)
- Οδηγία 2011/65/ΕΕ και (ΕΕ) 2015/863 σχετικά με τον περιορισμό της χρήσης επικίνδυνων ουσιών (RoHS)
- Οδηγία 2012/19/ΕΕ σχετικά με τα απόβλητα ηλεκτρικού και ηλεκτρονικού εξοπλισμού
- Καταχώριση, αξιολόγηση, αδειοδότηση και περιορισμοί των χημικών προϊόντων (ΕΚ) αρ. 1907/2006 (REACH)

Μπορείτε να πραγματοποιήσετε λήψη της Δήλωσης συμμόρφωσης ΕΕ από τον επίσημο ιστότοπο: https://en.goodwe.com.

## 01 Declaración general

ES

- La información contenida en la presente guía está sujeta a cambios debidos a actualizaciones en el producto u otros motivos. Esta guía no puede sustituir a las precauciones de seguridad en las etiquetas del producto, salvo que se especifique lo contrario. Todas las descripciones de esta guía tienen únicamente fines de guía.
- Lea la totalidad de esta guía antes de instalar.
- Todas las operaciones deben ser llevadas a cabo por técnicos formados y con conocimientos que estén familiarizados con los estándares y normas de seguridad locales.
- Antes de la instalación, compruebe la entrega para verificar que el modelo sea correcto, los contenidos estén completos y su aspecto sea el de un producto intacto. Póngase en contacto con el servicio posventa si detecta cualquier anomalía.
- Siga con exactitud las instrucciones de instalación, uso y configuración de esta guía. El fabricante no será responsable de daños en el equipo o lesiones personales si no sigue las instrucciones. Para obtener más información sobre la garantía, visite: https://www.goodwe.com/warrantyrelated.html.

## 02 Parámetros técnicos

| Modelo | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Gestión del Dispositivo** | | |
| **Núm. Máx. de Dispositivos Conectados** | 1 | 1 |
| **Alimentación** | | |
| **Voltaje de Entrada (V)** | 5 | 5 |
| **Consumo de Energía (W)** | ≤3 | ≤3 |
| **Interfaz de Conexión** | USB | USB |
| **Comunicaciones** | | |
| **Interfaz Ethernet** | 10M/100Mbps Auto-adaptación | / |
| **WLAN (WiFi)** | IEEE 802.11 b/g/n @2.4 GHz | |
| **Potencia Máx. de Transmisión WLAN** | ＜20dBm | |
| **Ancho de Banda WLAN** | 20/40MHz | |
| **Modo de Funcionamiento WiFi** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Características Mecánicas** | | |
| **Dimensiones (An×Al×Pr mm/in)** | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |

| | | |
|---|---|---|
| **Peso (g/lb)** | 82g (0,18lb) | 54g (0,11lb) |
| **Indicadores** | LED* 2 | LED* 2 |
| **Instalación** | Plug and Play | Plug and Play |
| **Ambiente** | | |
| **Rango de Temperatura de Funcionamiento (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Rango de Temperatura de Almacenamiento (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Humedad Relativa** | 0-95% | 0-95% |
| **Grado de Protección (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Altitud Máx. de Operación (m/pies)** | 4000m (13122 pies) | 4000m (13122 pies) |

## 03 Declaración UE de conformidad

El equipo con módulos de comunicación inalámbrica comercializado en el mercado europeo cumple los requisitos de las siguientes directivas:

- Directiva sobre equipos radioeléctricos 2014/53/UE (RED)
- Directiva sobre restricciones a sustancias peligrosas 2011/65/UE y (UE) 2015/863 (RoHS)
- Residuos de aparatos eléctricos y electrónicos 2012/19/UE
- Registro, evaluación, autorización y restricción de sustancias químicas (CE) n.º 1907/2006 (REACH)

Puede descargar la Declaración UE de conformidad en el sitio web oficial: https://en.goodwe.com.

## 01 Üldpõhimõtted

ET

- Selles juhendis sisalduv teave võib tooteuuenduste või muude põhjuste tõttu muutuda. See juhend ei asenda toote sildil toodud ohutusjuhiseid, kui pole vastupidi kirjutatud. Kõik juhendis toodud kirjeldused on mõeldud ainult üldise suunisena.
- Lugege juhend enne paigaldamist läbi.
- Kõiki töid peavad teostama vastava väljaõppega ja asjatundlikud tehnikud, kes tunnevad kohalikke standardeid ja ohutuseeskirju.
- Kontrollige tarnitud tooted enne paigaldamist üle, veendudes, et teil on õige mudel, saadetise sisu on täielik ja kõik komponendid on terved. Kui esineb kõrvalekaldeid, võtke ühendust müügijärgse teenindusega.
- Järgige täpselt selles juhendis antud paigaldus-, kasutus- ja konfigureerimisjuhiseid. Tootja ei vastuta seadmete kahjustuse ega kehavigastuste eest, mille põhjuseks on juhiste eiramine. Garantii kohta leiate põhjalikumat teavet aadressilt: https://www.goodwe.com/warrantyrelated.html.

## 02 Tehnilised parameetrid

| Mudel | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Seadme haldus** | | |
| **Max. ühendatud seadmete arv** | 1 | 1 |
| **Toide** | | |
| **Sisendpinge (V)** | 5 | 5 |
| **Energiatarve (W)** | ≤3 | ≤3 |
| **Ühenduse liides** | USB | USB |
| **Side** | | |
| **Liides Ethernet** | 10M/100Mbps iseregulatsioon | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Max. edastusvõimsus** | ＜20dBm | |
| **WLAN Sagedusriba** | 20/40MHz | |
| **WiFi töörežiim** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mehaaniline** | | |
| **Mõõtmed (L×K×S mm/in)** | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| **Kaal (g/lb)** | 82g (0.18lb) | 54g (0.11lb) |
| **Näidik** | LED* 2 | LED* 2 |

| | | |
|---|---|---|
| **Paigaldus** | Plug and Play | Plug and Play |
| **Keskkond** | | |
| **Töötamise temperatuurivahemik (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Säilitamistemperatuuri vahemik (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Suhteline õhuniiskus** | 0-95% | 0-95% |
| **Kaitseaste (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. töökõrgus (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EL-i vastavusdeklaratsioon

Euroopa turul müüdav traadita sidemoodulitega seade vastab järgmiste direktiivide nõuetele:

- Raadioseadmete direktiiv 2014/53/EL (RED)
- Ohtlike ainete kasutamise piirangute direktiiv 2011/65/EL ja (EL) 2015/863 (RoHS)
- Elektri- ja elektroonikaseadmete jäätmed 2012/19/EL
- Kemikaalide registreerimine, hindamine, autoriseerimine ja piiramine (EÜ) nr 1907/2006 (REACH)

Saate EL-i vastavusdeklaratsiooni alla laadida aadressilt: https://en.goodwe.com.

## 01 Yleisiä tietoja

FI

- Tässä oppaassa esitetyt tiedot voivat muuttua tuotepäivityksien tai muiden syiden takia. Tämä opas ei voi korvata tuotemerkintöjen sisältämiä turvatoimenpiteitä, ellei toisin ole ilmoitettu. Kaikki tämän oppaan kuvaukset ovat vain ohjeistusta varten.
- Lue tämä opas ennen asennuksia.
- Vain koulutetut teknikot saavat suorittaa mitään toimintoja, sillä he tuntevat paikalliset standardit ja turvallisuusmääräykset.
- Tarkista ennen asennusta tuotteista oikea malli, täydellinen sisältö ja ehjä ulkonäkö. Ilmoita poikkeavuuksista huoltopalveluun.
- Seuraa tarkasti tässä oppaassa kuvattuja asennus-, toiminta- ja määritysohjeita. Valmistaja ei ole vastuussa välinevahingosta tai henkilövahingosta, jos näitä ohjeita ei noudateta. Lisätietoja takuusta löytyy osoitteesta: https://www.goodwe.com/warrantyrelated.html.

## 02 Tekniset parametrit

| Malli | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Laitteen hallinta** | | |
| Liit. laitteiden enimmäismäärä | 1 | 1 |
| **Virta** | | |
| Tulojännite (V) | 5 | 5 |
| Tehonkulutus (W) | ≤3 | ≤3 |
| Yhteysliitäntä | USB | USB |
| **Tiedonsiirto** | | |
| Ethernet-liitäntä | 10M/100Mbps itsesäätö | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| WLAN Lähetysteho enint. | ＜20dBm | |
| WLAN Kaistanleveys | 20/40MHz | |
| WiFi-toimintatila | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mekaaninen** | | |
| Mitat (L×K×S mm/in) | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| Paino (g/lb) | 82g (0.18lb) | 54g (0.11lb) |
| Ilmaisin | LED* 2 | LED* 2 |
| Asennus | Plug and Play | Plug and Play |

| Ympäristö | | |
|---|---|---|
| **Käyttölämpötila-alue (°C/°F)** | -30~+60°C<br>(-22~+140°F) | -30~+60°C<br>(-22~+140°F) |
| **Säilytyslämpötila-alue (°C/°F)** | -40~+70°C<br>(-40~+158°F) | -40~+70°C<br>(-40~+158°F) |
| **Suhteellinen kosteus** | 0-95% | 0-95% |
| **Suojausaste (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. käyttökorkeus (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU-vaatimustenmukaisuusvakuutus

Euroopan markkinoilla myytävä laite, jossa on langattomia viestintämoduuleja, täyttää seuraavien direktiivien vaatimukset:

- Radiolaitedirektiivi 2014/53/EU (RED)
- Vaarallisten aineiden käytön rajoittaminen 2011/65/EU ja (EU) 2015/863 (RoHS)
- Sähkö- ja elektroniikkalaiteromu 2012/19/EU
- Kemikaalien rekisteröinti, arviointi, lupamenettely ja rajoitukset (EY) nro 1907/2006 (REACH)

Voit ladata EU-vaatimustenmukaisuusvakuutuksen viralliselta verkkosivustolta: https://en.goodwe.com.

## 01 Avis général

FR

- Les informations contenues dans ce guide sont susceptibles d'être modifiées en raison de mises à jour des produits ou pour d'autres raisons. Sauf indication contraire, ce guide ne peut pas remplacer les mesures de sécurité figurant sur les étiquettes des produits. Toutes les descriptions de ce guide ne sont fournies qu'à titre indicatif.
- Lisez la totalité de ce guide avant d'effectuer des installations.
- Toutes les opérations doivent être effectuées par des techniciens formés et compétents qui sont familiarisés avec les normes et réglementations locales de sécurité.
- Avant l'installation, vérifiez que les éléments fournis correspondent au bon modèle, que le contenu de l'emballage est complet et qu'il semble intact. Contactez le service après-vente si vous constatez une anormalité.
- Suivez scrupuleusement les instructions d'installation, d'utilisation et de configuration de ce guide. Le fabricant ne pourra pas être tenu pour responsable en cas d'endommagement de l'équipement ou de blessure résultant d'un non-respect des instructions. Pour plus de détails sur la garantie, veuillez vous rendre sur: https://www.goodwe.com/warrantyrelated.html.

## 02 Paramètres techniques

| Modèle | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Gestion de l'Appareil** | | |
| **Nombre Max. d'Appareils Connectés** | 1 | 1 |
| **Alimentation** | | |
| **Tension d'Entrée (V)** | 5 | 5 |
| **Consommation (W)** | ≤3 | ≤3 |
| **Interface de Connexion** | USB | USB |
| **Communication** | | |
| **Interface Ethernet** | Auto-adaptation à 10/100 Mbits/s | / |
| **WLAN (WiFi)** | IEEE 802.11 b/g/n @2.4 GHz | |
| **Puissance de Transmission WLAN Max.** | ＜20dBm | |
| **Bande Passante WLAN** | 20/40MHz | |
| **Mode de Fonctionnement WiFi** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Caractéristiques Mécaniques** | | |
| **Dimensions (L×H×P mm/in)** | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |

| | | |
|---|---|---|
| **Poids (g/lb)** | 82g (0,18lb) | 54g (0,11lb) |
| **Indicateurs** | LED* 2 | LED* 2 |
| **Installation** | Plug and Play | Plug and Play |
| **Environment** | | |
| **Plage de Température de Fonctionnement (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Plage de Température de Stockage (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Humidité Relative** | 0-95% | 0-95% |
| **Indice de Protection (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Altitude Max. de Fonctionnement (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 Déclaration de conformité UE

L'équipement muni de modules de communication sans fil vendu sur le marché européen respecte les exigences des directives suivantes :

- Directive sur les équipements radio 2014/53/UE (RED)
- Directives sur la restriction des substances dangereuses 2011/65/UE et 2015/863 (UE) (RoHS)
- Déchets d'équipements électriques et électroniques 2012/19/UE
- Enregistrement, évaluation, autorisation et restriction des substances chimiques (CE) n° 1907/2006 (REACH)

Vous pouvez télécharger la Déclaration de conformité UE sur notre site web officiel : https://en.goodwe.com.

## 01 Opći izvještaj

HR

- Informacije u ovom vodiču za brzu instalaciju podložne su promjenama zbog ažuriranja proizvoda ili drugih razloga. Ovaj vodič ne može zamijeniti sigurnosne mjere opreza na naljepnicama proizvoda osim ako nije drugačije navedeno. Svi opisi u ovom vodiču služe samo kao smjernice.
- Prije instalacije, pročitajte vodič za brzu instalaciju.
- Sve radnje trebaju obavljati obučeni tehničari s dobrim znanjem, upoznati s lokalnim standardima i sigurnosnim propisima.
- Prije instalacije provjerite jesu li isporučeni ispravni model, potpuni sadržaj i je li izgled neoštećen. Obratite se postprodajnom servisu ako postoji bilo kakva nepravilnost.
- Strogo slijedite upute za instalaciju, rad i konfiguraciju u ovom vodiču. Proizvođač nije odgovoran za štetu na opremi ili osobne ozljede ako ne slijedite upute. Za više pojedinosti o jamstvu, posjetite: https://www.goodwe.com/warrantyrelated.html.

## 02 Tehnički parametri

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Upravljanje uređajem** | | |
| **Maks. broj povezanih uređaja** | 1 | 1 |
| **Napajanje** | | |
| **Ulazni napon (V)** | 5 | 5 |
| **Potrošnja energije (W)** | ≤3 | ≤3 |
| **Sučelje za povezivanje** | USB | USB |
| **Komunikacija** | | |
| **Ethernet sučelje** | 10M/100Mbps samoprilagodba | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Maks. snaga odašiljanja** | ＜20dBm | |
| **WLAN Širina pojasa** | 20/40MHz | |
| **WiFi radni način** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mehaničko** | | |
| **Dimenzije (Š×V×D mm/in)** | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| **Težina (g/lb)** | 82g (0.18lb) | 54g (0.11lb) |
| **Indikator** | LED* 2 | LED* 2 |
| **Instalacija** | Plug and Play | Plug and Play |

| Okolina | | |
|---|---|---|
| **Radni temperaturni raspon (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Raspon temperature skladištenja (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relativna vlažnost** | 0-95% | 0-95% |
| **Stupanj zaštite (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Maks. radna nadmorska visina (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU izjava o sukladnosti

Proizvod s funkcijom bežične komunikacije koji se prodaje na europskom tržištu ispunjava zahtjeve sljedećih direktiva:

- Direktiva o radijskoj opremi (RED) 2014/53/EU
- Ograničenja Direktive o opasnim tvarima 2011/65/EU i (EU) 2015/863 (RoHS)
- Otpadna električna i elektronička oprema 2012/19/EU
- Registracija, evaluacija, autorizacija i ograničavanje kemikalija (EZ) br. 1907/2006 (REACH)

Izjavu EU o sukladnosti možete preuzeti na službenom mrežnom mjestu: https://en.goodwe.com.

## 01 Általános közlemény

HU

- A jelen útmutatóban szereplő információk a termékfrissítések miatt vagy más okokból módosulhatnak. Ez az útmutató nem helyettesítheti a termékcímkéken található biztonsági óvintézkedéseket, hacsak ez nincs másképp meghatározva. Az útmutatóban szereplő összes leírás csak iránymutatásul szolgál.
- A telepítés előtt olvassa el ezt az útmutatót.
- Az összes műveletet kizárólag megfelelő tudással és képzettséggel rendelkező, a helyi szabványokat és biztonsági előírásokat ismerő technikusoknak szabad elvégezniük.
- Telepítés előtt ellenőrizze a kapott csomagot, hogy megfelelő a modell, teljes a csomag tartalma, és hogy szemmel láthatóan sérülésmentes a termék. Lépjen kapcsolatba az értékesítés utáni szervizzel, ha rendellenességet tapasztal.
- Szigorúan kövesse a jelen útmutatóban található telepítési, üzemeltetési és konfigurációs utasításokat. A gyártó nem vállal felelősséget az anyagi károkért és a személyi sérülésekért, ha Ön nem tartja be az utasításokat. További garanciális részletekért kérjük, látogasson el a weboldalra: https://www.goodwe.com/warrantyrelated.html.

## 02 Műszaki paraméterek

| Modell | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Eszközkezelés** | | |
| Csatlakoztatott eszközök max. száma | 1 | 1 |
| **Tápfeszültség** | | |
| Bemeneti feszültség (V) | 5 | 5 |
| Fogyasztás (W) | ≤3 | ≤3 |
| Csatlakozói interfész | USB | USB |
| **Kommunikáció** | | |
| Ethernet interfész | 10M/100Mbps önhangoló | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| WLAN Max. sugárzási teljesítmény | ＜20dBm | |
| WLAN Sávszélesség | 20/40MHz | |
| WiFi működési mód | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mechanikai** | | |
| Méretek (Sz×M×H mm/in) | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| Tömeg (g/lb) | 82g (0.18lb) | 54g (0.11lb) |

| | | |
|---|---|---|
| **Jelzőfény** | LED* 2 | LED* 2 |
| **Telepítés** | Plug and Play | Plug and Play |
| **Környezet** | | |
| **Működési hőmérsékleti tartomány (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Tárolási hőmérsékleti tartomány (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relatív páratartalom** | 0-95% | 0-95% |
| **Védettségi fok (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. működési magasság (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU-megfelelőségi nyilatkozat

Az európai piacon értékesített vezeték nélküli kommunikációs funkcióval rendelkező berendezés megfelel az alábbi irányelvek követelményeinek:

- Rádióberendezésekről szóló 2014/53/EU irányelv (RED)
- A veszélyes anyagok korlátozásáról szóló 2011/65/EU irányelv és (EU) 2015/863 irányelv (RoHS-irányelv)
- Az elektromos és elektronikus berendezések hulladékairól szóló 2012/19/EU irányelv
- A vegyi anyagok regisztrálásáról, értékeléséről, engedélyezéséről és korlátozásáról (REACH) szóló 1907/2006/EK rendelet (REACH-rendelet)

Az EU-megfelelőségi nyilatkozat letölthető a hivatalos weboldalról: https://en.goodwe.com.

## 01 Dichiarazioni generali

IT

- Le informazioni contenute in questa guida sono soggette a modifiche a causa di aggiornamenti del prodotto o per altri motivi. Questa guida non può sostituire le precauzioni di sicurezza riportate sulle etichette del prodotto se non diversamente specificato. Tutte le descrizioni riportate in questa guida hanno scopo unicamente indicativo.
- Leggere completamente questa guida prima dell'installazione.
- Tutte le operazioni devono essere eseguite da tecnici addestrati e competenti che conoscono gli standard locali e le norme di sicurezza.
- Prima dell'installazione, controllare che i prodotti consegnati siano del corretto modello, completi nei contenuti e integri nell'aspetto. Contattare l'assistenza post-vendita in caso di qualunque anomalia.
- Seguire scrupolosamente le istruzioni di installazione, funzionamento e configurazione riportate in questa guida. Il produttore non sarà responsabile di danni all'apparecchiatura o di lesioni personali qualora non vengano seguite le istruzioni. Per maggiori informazioni sulla garanzia, visitare: https://www.goodwe.com/warrantyrelated.html.

## 02 Parametri tecnici

| Modello | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Gestione del Dispositivo** | | |
| Num. Max. Dispositivi Connessi | 1 | 1 |
| **Alimentazione** | | |
| Tensione di Ingresso (V) | 5 | 5 |
| Consumo (W) | ≤3 | ≤3 |
| Interfaccia di Connessione | USB | USB |
| **Comunicazione** | | |
| Interfaccia Ethernet | Adattamento automatico 10/100Mbps | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| Potenza Massima di Trasmissione WLAN | ＜20dBm | |
| Larghezza di Banda WLAN | 20/40MHz | |
| Modalità Operativa WiFi | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Meccanico** | | |
| Dimensioni (L×P×H mm/in) | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |

| | | |
|---|---|---|
| **Peso (g/lb)** | 82g (0.18lb) | 54g (0.11lb) |
| **Indicatore** | LED* 2 | LED* 2 |
| **Installazione** | Plug and Play | Plug and Play |
| **Ambiente** | | |
| **Intervallo Temperatura di Esercizio (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Intervallo Temperatura di Conservazione (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Umidità Relativa** | 0-95% | 0-95% |
| **Grado di Protezione (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Altitudine Massima di Esercizio (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 Dichiarazione di conformità UE

Questa apparecchiatura con funzione di comunicazione wireless, venduta sul mercato europeo, soddisfa i requisiti delle seguenti direttive:

- Direttiva 2014/53/UE (RED) sulle apparecchiature radio
- Direttiva sulla restrizione delle sostanze pericolose 2011/65/UE e (UE) 2015/863 (RoHS)
- Rifiuti di apparecchiature elettriche ed elettroniche 2012/19/UE
- Registrazione, valutazione, autorizzazione e restrizione delle sostanze chimiche (CE) n. 1907/2006 (REACH)

È possibile scaricare la Dichiarazione di conformità UE dal sito web ufficiale: https://en.goodwe.com.

## 01 Pagrindinis pranešimas

LT

- Informacija šiame greitojo diegimo vadove gali keistis dėl gaminio atnaujinimų ar kitų priežasčių. Šis vadovas negali pakeisti gaminio etikečių ar vartotojo vadovo saugos priemonių, nebent nurodyta kitaip. Visi čia pateikti aprašymai yra tik orientaciniai.
- Prieš montuodami perskaitykite montavimo vadovą.
- Visas operacijas turi atlikti apmokyti ir apmokyti technikai, susipažinę su vietinėmis saugos taisyklėmis.
- Patikrinkite, ar pristatyme yra tinkamas modelis, visas turinys atvyko nepažeistos išvaizdos. Jei yra kokių nors sutrikimų, kreipkitės į garantinį aptarnavimą.
- Griežtai laikykitės šiame vadove ir vartotojo vadove pateiktų diegimo, naudojimo ir konfigūravimo instrukcijų. Gamintojas neprisiima atsakomybės už įrangos sugadinimą ar sužalojimą, jei nesilaikoma instrukcijų. Norėdami gauti daugiau informacijos apie garantiją, apsilankykite: https://www.goodwe.com/warrantyrelated.html.

## 02 Techniniai parametrai

| Modelis | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Įrenginio valdymas** | | |
| **Maks. prijungtų įrenginių skaičius** | 1 | 1 |
| **Maitinimas** | | |
| **Įėjimo įtampa (V)** | 5 | 5 |
| **Energijos suvartojimas (W)** | ≤3 | ≤3 |
| **Ryšio sąsaja** | USB | USB |
| **Ryšys** | | |
| **Ethernet sąsaja** | 10M/100Mbps savireguliacija | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Maks. spinduliuojama galia** | ＜20dBm | |
| **WLAN Dažnių juosta** | 20/40MHz | |
| **WiFi veikimo režimas** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mechaniniai** | | |
| **Matmenys (P×A×G mm/in)** | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| **Svoris (g/lb)** | 82g (0.18lb) | 54g (0.11lb) |
| **Indikatorius** | LED* 2 | LED* 2 |

| Įrengimas | Plug and Play | Plug and Play |
|---|---|---|
| **Aplinka** | | |
| **Eksploatacijos temperatūros diapazonas (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Laikymo temperatūros diapazonas (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Santykinė drėgmė** | 0-95% | 0-95% |
| **Apsaugos laipsnis (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Maks. darbinis aukštis (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 ES atitikties deklaracija

Europos rinkoje parduodamas gaminys su belaidžio ryšio funkcija atitinka šių direktyvų reikalavimus:

- Radijo įrangos direktyva 2014/53/EU (RED)
- Pavojingų medžiagų apribojimo direktyvą 2011/65/EU ir (EU) 2015/863 (RoHS)
- Elektros ir elektroninės įrangos atliekos 2012/19/ES
- Cheminių produktų registracija, įvertinimas, autorizavimas ir apribojimas (EB) Nr. 1907/2006 (REACH)

ES atitikties deklaraciją galite atsisiųsti iš oficialios svetainės: https://en.goodwe.com.

## 01 Vispārējs paziņojums

LV

- Šajā ātrās uzstādīšanas rokasgrāmatā sniegtā informācija var mainīties sakarā ar izstrādājuma atjauninājumiem vai citiem iemesliem. Šī rokasgrāmata nevar aizstāt izstrādājuma etiķetes vai drošības pasākumus lietotāja rokasgrāmatā, ja vien nav norādīts citādi. Visi šeit minētie apraksti ir tikai orientējoši.
- Pirms uzstādīšanas izlasiet ātrās uzstādīšanas rokasgrāmatu.
- Visas darbības jāveic apmācītiem un zinošiem tehniķiem, kuri pārzina vietējos standartus un drošības noteikumus.
- Pārbaudiet, vai piegādātie materiāli atbilst pareizam modelim, saturs ir pilnīgs un nav bojāts. Ja ir kādas novirzes, sazinieties ar pēcpārdošanas servisu.
- Stingri ievērojiet šajā rokasgrāmatā sniegtos uzstādīšanas, ekspluatācijas un konfigurācijas norādījumus. Ražotājs neuzņemas atbildību par iekārtas bojājumiem vai miesas bojājumiem, ja neievērosit norādījumus. Lai iegūtu sīkāku informāciju par garantiju, lūdzu, apmeklējiet vietni: https://www.goodwe.com/warrantyrelated.html.

## 02 Tehniskie parametri

| Modelis | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Ierīces pārvaldība** | | |
| Maks. savienoto ierīču skaits | 1 | 1 |
| **Barošana** | | |
| Ievades spriegums (V) | 5 | 5 |
| Enerģijas patēriņš (W) | ≤3 | ≤3 |
| Savienojuma interfeiss | USB | USB |
| **Komunikācija** | | |
| Ethernet interfeiss | 10M/100Mbps pašregulēšanās | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| WLAN Maks. raidītāja jauda | ＜20dBm | |
| WLAN Joslas platums | 20/40MHz | |
| WiFi darba režīms | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mehāniskie** | | |
| Izmēri (G×A×D mm/in) | 48.3*159.5*32.1mm (1.9*6.3*1.3in) | 48.3*95.5*32.1mm (1.9*3.7*1.3in) |
| Svars (g/lb) | 82g (0.18lb) | 54g (0.11lb) |
| Indikators | LED* 2 | LED* 2 |
| Uzstādīšana | Plug and Play | Plug and Play |

| Vide | | |
|---|---|---|
| **Darba temperatūras diapazons (°C/°F)** | -30~+60℃ (-22~+140℉) | -30~+60℃ (-22~+140℉) |
| **Uzglabāšanas temperatūras diapazons (°C/°F)** | -40~+70℃ (-40~+158℉) | -40~+70℃ (-40~+158℉) |
| **Relatīvais mitrums** | 0-95% | 0-95% |
| **Aizsardzības pakāpe (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Maks. darba augstums (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 ES Atbilstības deklarācija

Eiropas tirgū pārdotās iekārtas ar bezvadu sakaru moduļiem atbilst šādu direktīvu prasībām:

- Radioiekārtu Direktīva 2014/53/ES (RED)
- Bīstamo vielu ierobežošanas direktīva 2011/65/ES un (ES) 2015/863 (RoHS)
- Elektrisko un elektronisko iekārtu atkritumi 2012/19/ES
- Ķimikāliju reģistrēšanas, vērtēšanas, licencēšanas un ierobežošanas regula (EK) Nr. 1907/2006 (REACH)

Jūs varat lejupielādēt ES atbilstības deklarāciju oficiālajā tīmekļa vietnē: https://en.goodwe.com.

## 01 Algemene Verklaring

NL

- De informatie in deze gids is onderhevig aan wijzigingen, vanwege productupdates of andere redenen. Deze handleiding kan de veiligheidsvoorschriften op de productetiketten niet vervangen, tenzij anders aangegeven. Alle beschrijvingen in deze gids zijn slechts indicatief.
- Lees deze gids door voordat u overgaat tot installatie.
- Alle handelingen moeten worden uitgevoerd door opgeleide en deskundige technici die de lokale normen en veiligheidsregelgeving kennen.
- Controleer voor installatie of geleverde goederen het juiste model omvatten, of de inhoud volledig is en de goederen niet beschadigd lijken. Neem bij eventuele afwijkingen contact op met de klantenservice.
- Volg strikt de installatie-, gebruiks- en configuratie-instructies in deze gids. De fabrikant is niet aansprakelijk voor beschadiging van apparatuur of letsel bij het niet volgen van de instructies. Ga voor meer informatie over de garantie naar: https://www.goodwe.com/warrantyrelated.html.

## 02 Technische parameters

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Apparaatbeheer** | | |
| Max. aantal aangesloten apparaten | 1 | 1 |
| **Voeding** | | |
| Ingangsspanning (V) | 5 | 5 |
| Stroomverbruik (W) | ≤3 | ≤3 |
| Aansluitinterface | USB | USB |
| **Communicatie** | | |
| Ethernet-interface | 10M/100Mbps Zelf-adaptatie | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| WLAN Max. zendvermogen | ＜20dBm | |
| WLAN Bandbreedte | 20/40MHz | |
| WiFi-bedrijfsmodus | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mechanisch** | | |
| Afmetingen (B×H×D mm/in) | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |
| Gewicht (g/lb) | 82g (0,18lb) | 54g (0,11lb) |
| Indicator | LED* 2 | LED* 2 |

| | | |
|---|---|---|
| **Installatie** | Plug and Play | Plug and Play |
| **Omgeving** | | |
| **Bedrijfstemperatuurbereik (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Opslagtemperatuurbereik (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relatieve luchtvochtigheid** | 0-95% | 0-95% |
| **Beschermingsgraad (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. bedrijfs-hoogte (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU-conformiteitsverklaring

De op de Europese markt verkochte apparatuur met draadloze communicatiemodules voldoet aan de eisen van de volgende richtlijnen:

- Richtlijn inzake radioapparatuur 2014/53/EU (ROOD)
- Richtlijn inzake de beperking van gevaarlijke stoffen 2011/65/EU en (EU) 2015/863 (RoHS)
- Elektrisch en elektronisch afval 2012/19/EU
- Registratie, evaluatie, autorisatie en beperking van chemicaliën (EC) Nr 1907/2006 (REACH)

U kunt de EU-conformiteitsverklaring van de officiële website downloaden https://en.goodwe.com.

## 01 Ogólne oświadczenie

PL

- Informacje zawarte w niniejszej instrukcji mogą ulec zmianie ze względu na aktualizacje produktu lub z innych powodów. Ta instrukcja nie może zastąpić środków ostrożności zawartych na etykietach produktu, chyba że wskazano inaczej. Wszystkie opisy zamieszczone w tej instrukcji mają charakter wyłącznie orientacyjny.
- Należy przeczytać tę instrukcję przed instalacją.
- Wszystkie czynności powinny być wykonywane przez przeszkolonych i kompetentnych techników, którzy znają lokalne standardy i przepisy bezpieczeństwa.
- Przed instalacją należy sprawdzić, czy model dostarczonych produktów jest poprawny, czy są one kompletne i czy nie zostały uszkodzone. Należy skontaktować się z działem obsługi posprzedażowej w przypadku stwierdzenia nieprawidłowości.
- Należy ściśle przestrzegać instrukcji instalacji, obsługi i konfiguracji podanych w niniejszej instrukcji. Producent nie ponosi odpowiedzialności za uszkodzenia urządzeń ani za wypadki na osobach będące skutkiem zlekceważenia instrukcji. Szczegółowe informacje o gwarancji można znaleźć na stronie internetowej: https://www.goodwe.com/warrantyrelated.html.

## 02 Parametry techniczne

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Zarządzanie Urządzeniem** | | |
| **Maks. liczba podłączonych urządzeń** | 1 | 1 |
| **Zasilanie** | | |
| **Napięcie Wejściowe (V)** | 5 | 5 |
| **Pobór Mocy (W)** | ≤3 | ≤3 |
| **Interfejs Połączenia** | USB | USB |
| **Komunikacja** | | |
| **Interfejs Ethernet** | 10M/100Mbps Auto-adaptacja | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Maks. Moc Nadawcza** | ＜20dBm | |
| **WLAN Szerokość Pasma** | 20/40MHz | |
| **Tryb Pracy WiFi** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mechaniczne** | | |
| **Wymiary (S×W×G mm/in)** | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |
| **Waga (g/lb)** | 82g (0,18lb) | 54g (0,11lb) |

| | | |
|---|---|---|
| **Wskaźnik** | LED* 2 | LED* 2 |
| **Instalacja** | Plug and Play | Plug and Play |
| **Środowisko** | | |
| **Zakres Temperatury Pracy (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Zakres Temperatury Przechowywania (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Wilgotność Względna** | 0-95% | 0-95% |
| **Stopień Ochrony (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Maks. Wysokość Pracy (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 Deklaracja zgodności UE

Sprzedawany na rynku europejskim sprzęt z modułami komunikacji bezprzewodowej spełnia wymagania niżej wymienionych dyrektyw:

- Dyrektywa w sprawie urządzeń radiowych 2014/53/UE (RED)
- Dyrektywa w sprawie ograniczenia stosowania substancji niebezpiecznych 2011/65/UE i dyrektywa (UE) 2015/863 (RoHS)
- Zużyty sprzęt elektryczny i elektroniczny 2012/19/UE
- Rozporządzenie (WE) nr 1907/2006 ws. rejestracji, oceny, udzielania zezwoleń i ograniczenia stosowania chemikaliów (REACH)

Unijną deklarację zgodności można pobrać z oficjalnej strony internetowej: https://en.goodwe.com.

## 01 Declaração geral

PT

- As informações nesse guia estão sujeitas a alterações devido a atualizações do produto ou outros motivos. Esse guia não substitui as precauções de segurança nos rótulos do produto, a menos que especificado o contrário. Todas as descrições no guia são somente para orientação.
- Leia esse guia antes das instalações.
- Todas as operações devem ser realizadas por técnicos treinados e experientes que estejam familiarizados com as normas locais e os regulamentos de segurança.
- Antes da instalação, verifique as entregas quanto ao modelo correto, conteúdo completo e aparência intacta. Entre em contato com o serviço pós-venda se houver alguma anormalidade.
- Siga rigorosamente as instruções de instalação, operação e configuração desse guia. O fabricante não será responsável por danos ao equipamento ou ferimentos se não seguir as instruções. Para obter mais detalhes sobre a garantia, acesse: https://www.goodwe.com/warrantyrelated.html.

## 02 Parâmetros técnicos

| Modelo | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Gerenciamento de Dispositivo** | | |
| Núm. Máx. de Dispositivos Conect. | 1 | 1 |
| **Energia** | | |
| Tensão de Entrada (V) | 5 | 5 |
| Consumo de Energia (W) | ≤3 | ≤3 |
| Interface de Conexão | USB | USB |
| **Comunicação** | | |
| Interface Ethernet | Autoadaptação de 10/100 Mbps | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| Pot. Máx. de Transmissão WLAN | ＜20dBm | |
| Largura de Banda WLAN | 20/40MHz | |
| Modo de Operação WiFi | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mecânico** | | |
| Dimensões (L×A×P mm/in) | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |
| Peso (g/lb) | 82g (0,18lb) | 54g (0,11lb) |

| | | |
|---|---|---|
| **Indicador** | LED* 2 | LED* 2 |
| **Instalação** | Plug and Play | Plug and Play |
| **Ambiente** | | |
| **Faixa de Temperatura de Operação (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Faixa de Temperatura de Armazenamento (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Umidade Relativa** | 0-95% | 0-95% |
| **Grau de Proteção (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Altitude Máx. de Operação (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 Declaração de Conformidade da UE

O equipamento com módulos de comunicação sem fio vendido no mercado europeu atende aos requisitos das seguintes diretivas:

- Diretiva de Equipamentos de Rádio 2014/53/EU (RED)
- Diretiva de Restrições de Substâncias Perigosas 2011/65/EU e (UE) 2015/863 (RoHS)
- Resíduos de Equipamentos Elétricos e Eletrônicos 2012/19/EU
- Registro, Avaliação, Autorização e Restrição de Produtos Químicos (EC) Nº 1907/2006 (REACH)

Baixe a Declaração de Conformidade da UE no site oficial: https://en.goodwe.com.

## 01 Declarație generală RO

- Informațiile din acest ghid pot suferi modificări ca urmare a actualizărilor produsului sau din alte motive. Acest ghid nu poate înlocui măsurile de siguranță indicate pe etichetele produsului, cu excepția cazului în care se specifică altfel. Toate elementele descriptive din ghid sunt doar cu titlu orientativ.
- Citiți acest ghid înainte de instalare.
- Toate operațiunile trebuie executate de tehnicieni având instruirea și cunoștințele necesare, care sunt familiarizați cu standardele și reglementările locale privind siguranța.
- Înainte de instalare, verificați dacă elementul livrat corespunde modelului corect, dacă sunt incluse toate componentele și dacă acestea arată intacte. Contactați serviciul post-vânzare dacă există vreo anomalie.
- Respectați cu strictețe instrucțiunile de instalare, de utilizare și de configurare din acest ghid. Producătorul nu își asigajează răspunderea pentru avariile provocate echipamentului sau pentru vătămarea corporală, în cazul nerespectării acestor instrucțiuni. Pentru mai multe detalii privind garanția, accesați: https://www.goodwe.com/warrantyrelated.html.

## 02 Parametri tehnici

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Managementul Dispozitivului** | | |
| **Număr Max. Dispozitive Conectate** | 1 | 1 |
| **Alimentare** | | |
| **Tensiune de Intrare (V)** | 5 | 5 |
| **Consum de Putere (W)** | ≤3 | ≤3 |
| **Interfață de Conexiune** | USB | USB |
| **Comunicație** | | |
| **Interfață Ethernet** | 10M/100Mbps Auto-adaptare | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **Putere Max. de Transmisie WLAN** | ＜20dBm | |
| **Lățime de Bandă WLAN** | 20/40MHz | |
| **Mod de Funcționare WiFi** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mecanic** | | |
| **Dimensiuni (L×Î×A mm/in)** | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |

| | | |
|---|---|---|
| **Greutate (g/lb)** | 82g (0,18lb) | 54g (0,11lb) |
| **Indicator** | LED* 2 | LED* 2 |
| **Instalare** | Plug and Play | Plug and Play |
| **Mediu** | | |
| **Interval Temperatură de Funcționare (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Interval Temperatură de Depozitare (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Umiditate Relativă** | 0-95% | 0-95% |
| **Grad de Protecție (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Altitudine Max. de Funcționare (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 Declarație de conformitate UE

Echipamentul cu module de comunicare fără fir vândut pe piața europeană îndeplinește cerințele următoarelor directive:

- Directiva privind echipamentele radio 2014/53/UE (RED)
- Directiva privind restricționarea substanțelor periculoase 2011/65/UE și (UE) 2015/863 (RoHS)
- Deșeurile de echipamente electrice și electronice 2012/19/UE
- Înregistrarea, evaluarea, autorizarea și restricționarea substanțelor chimice (CE) nr 1907/2006 (REACH)

Puteți descărca Declarația de conformitate UE de pe site-ul oficial: https://en.goodwe.com.

## 01 Všeobecné vyjadrenie

SK

- Informácie v tejto príručke rýchlej inštalácie sa môžu zmeniť v dôsledku aktualizácií produktu alebo z iných dôvodov. Táto príručka nemôže nahradiť bezpečnostné opatrenia na produkte ani bezpečnostné opatrenia v používateľskej príručke, pokiaľ nie je uvedené inak. Všetky uvedené popisy sú len orientačné.
- Pred inštaláciou si prečítajte túto stručnú príručku.
- Všetky operácie by mali vykonávať vyškolení a odborne spôsobilí technici, ktorí poznajú miestne normy a bezpečnostné predpisy.
- Skontrolujte, či máte správny model, úplný obsah balenia a neporušený výzor produktu. V prípade zistenia poškodenia alebo chýbajúceho komponentu kontaktujte výrobcu.
- Prísne dodržiavajte pokyny na inštaláciu, prevádzku a konfiguráciu v tejto príručke. Výrobca nezodpovedá za poškodenie zariadenia alebo zranenie osôb, ak nedodržíte pokyny. Ďalšie podrobnosti o záruke nájdete na stránke: https://www.goodwe.com/warrantyrelated.html.

## 02 Technické parametre

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Správa zariadenia** | | |
| **Max. počet pripojených zariadení** | 1 | 1 |
| **Napájanie** | | |
| **Vstupné napätie (V)** | 5 | 5 |
| **Príkon (W)** | ≤3 | ≤3 |
| **Komunikačné rozhranie** | USB | USB |
| **Komunikácia** | | |
| **Ethernet rozhranie** | 10M/100Mbps Samonastavenie | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Max. vyžiarený výkon** | ＜20dBm | |
| **WLAN Šírka pásma** | 20/40MHz | |
| **Režim WiFi** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mechanické** | | |
| **Rozmery (Š×V×H mm/in)** | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |
| **Hmotnosť (g/lb)** | 82g (0,18lb) | 54g (0,11lb) |
| **Indikátor** | LED* 2 | LED* 2 |

| | | |
|---|---|---|
| **Inštalácia** | Plug and Play | Plug and Play |
| **Prostredie** | | |
| **Prevádzkový teplotný rozsah (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Skladovací teplotný rozsah (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relatívna vlhkosť** | 0-95% | 0-95% |
| **Stupeň ochrany (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. prevádzková nadmorská výška (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 Vyhlásenie o zhode EÚ

Produkt s funkciou bezdrôtovej komunikácie predávaný na európskom trhu spĺňa požiadavky nasledujúcich smerníc:

- Smernica o rádiovom zariadení 2014/53/EU (ČERVENÁ)
- Smernica o obmedzeniach nebezpečných látok 2011/65/EU a (EU) 2015/863 (RoHS)
- Odpad z elektrických a elektronických zariadení 2012/19/EÚ
- Číslo registrácie, hodnotenia, autorizácie a obmedzenia chemikálií (EC) č. 1907/2006 (REACH)

Vyhlásenie o zhode EÚ si môžete stiahnuť na oficiálnej webovej stránke: https://en.goodwe.com.

## 01 Splošna Izjava

SL

- Informacije v uporabniškem priročniku se lahko spremenijo zaradi posodobitev izdelka ali drugih razlogov. Razen, če ni navedeno drugače, uporabniški priročnik ne more nadomestiti oznak izdelkov ali varnostnih ukrepov. Vsi tukajšnji opisi so samo smernice.
- Pred namestitvijo preberite uporabniški priročnik.
- Vse postopke morajo izvajati usposobljeni in poučeni tehniki, ki so seznanjeni z lokalnimi standardi in varnostnimi predpisi.
- Pred namestitvijo preverite, ali je dobavljen pravilen model, popolna vsebina in nepoškodovan videz. Če pride do kakršne koli nepravilnosti, se obrnite na poprodajno službo.
- Strogo upoštevajte navodila za namestitev, delovanje in konfiguracijo v uporabniškem priročniku. Proizvajalec ni odgovoren za nastalo škodo na opremi ali telesne poškodbe, če ne upoštevate navodil. Za več podrobnosti o garanciji obiščite: https://www.goodwe.com/warrantyrelated.html.

## 02 Tehnični parametri

| Model | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Upravljanje naprave** | | |
| **Makš. štev. priključenih naprav** | 1 | 1 |
| **Napajanje** | | |
| **Vhodna napetost (V)** | 5 | 5 |
| **Poraba energije (W)** | ≤3 | ≤3 |
| **Priključni vmesnik** | USB | USB |
| **Komunikacije** | | |
| **Vmesnik Ethernet** | 10M/100Mbps Samoprilagoditev | / |
| **WLAN** | IEEE 802.11 b/g/n @2.4 GHz | |
| **WLAN Mak. oddajna moč** | ＜20dBm | |
| **WLAN Pasovna širina** | 20/40MHz | |
| **Način delovanja WiFi** | STA | |
| **Bluetooth** | Bluetooth V4.2 | |
| **Mehansko** | | |
| **Dimenzije (Š×V×G mm/in)** | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |
| **Teža (g/lb)** | 82g (0,18lb) | 54g (0,11lb) |
| **Indikator** | LED* 2 | LED* 2 |

| | | |
|---|---|---|
| **Namestitev** | Plug and Play | Plug and Play |
| **Okolje** | | |
| **Območje delovne temperature (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Območje temperature skladiščenja (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relativna vlažnost** | 0-95% | 0-95% |
| **Zaščitni razred (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Mak. delovna višina (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU Izjava o skladnosti

Oprema z brezžičnimi komunikacijskimi moduli, ki se prodaja na evropskem trgu, izpolnjuje zahteve naslednjih direktiv:

- Direktiva o radijski opremi 2014/53/EU (RED)
- Omejitve direktive o nevarnih snoveh 2011/65/EU in (EU) 2015/863 (RoHS)
- Odpadna električna in elektronska oprema 2012/19/EU
- Registracija, evalvacija, avtorizacija in omejevanje kemikalij (ES) št. 1907/2006 (REACH)

Izjavo EU o skladnosti lahko prenesete na uradni spletni strani: https://en.goodwe.com.

## 01 Allmänt uttalande

SV

- Informationen i denna guide kan komma att ändras på grund av produktuppdateringar eller andra skäl. Denna guide kan inte ersätta säkerhetsföreskrifterna på produktetiketterna om inte annat anges. Alla beskrivningar i denna guide är endast vägledande.
- Läs igenom denna guide före installationer.
- Alla åtgärder ska utföras av utbildade och kunniga tekniker som är bekanta med lokala standarder och säkerhetsföreskrifter.
- Innan installation, kontrollera leveranserna för korrekt modell, fullständigt innehåll och intakt utseende. Kontakta kundtjänst om det finns något avvikande.
- Följ noga installations-, drift- och konfigurationsinstruktionerna i den här guiden. Tillverkaren ska inte hållas ansvarig för utrustningsskador eller personskador om inte instruktionerna följs. För mer garantiinformation, besök: https://www.goodwe.com/warrantyrelated.html.

## 02 Tekniska parametrar

| Modell | WiFi/LAN Kit-20 | WiFi Kit-20 |
|---|---|---|
| **Enhetshantering** | | |
| Max. antal anslutna enheter | 1 | 1 |
| **Strömförsörjning** | | |
| Ingångsspänning (V) | 5 | 5 |
| Effektförbrukning (W) | ≤3 | ≤3 |
| Anslutningsgränssnitt | USB | USB |
| **Kommunikation** | | |
| Ethernet-gränssnitt | 10M/100Mbps Självanpassning | / |
| WLAN | IEEE 802.11 b/g/n @2.4 GHz | |
| WLAN Max. sändeffekt | ＜20dBm | |
| WLAN Bandbredd | 20/40MHz | |
| WiFi-driftläge | STA | |
| Bluetooth | Bluetooth V4.2 | |
| **Mekanisk** | | |
| Mått (B×H×D mm/in) | 48,3 × 159,5 × 32,1 mm (1,9 × 6,3 × 1,3 in) | 48,3 × 95,5 × 32,1 mm (1,9 × 3,7 × 1,3 in) |
| Vikt (g/lb) | 82g (0.18lb) | 54g (0.11lb) |
| Indikator | LED* 2 | LED* 2 |
| Installation | Plug and Play | Plug and Play |

| Miljö | | |
|---|---|---|
| **Driftstemperaturområde (°C/°F)** | -30~+60°C (-22~+140°F) | -30~+60°C (-22~+140°F) |
| **Lagringstemperaturområde (°C/°F)** | -40~+70°C (-40~+158°F) | -40~+70°C (-40~+158°F) |
| **Relativ luftfuktighet** | 0-95% | 0-95% |
| **Skyddsklass (IP)** | IP65 (NEMA 4X) | IP65 (NEMA 4X) |
| **Max. drifthöjd (m/ft)** | 4000m (13122ft) | 4000m (13122ft) |

## 03 EU-försäkran om överensstämmelse

Utrustningen med trådlösa kommunikationsmoduler som säljs på den europeiska marknaden uppfyller kraven i följande direktiv:

- Direktivet om radioutrustning 2014/53/EU (RED)
- Direktivet om begränsningar av farliga ämnen 2011/65/EU och (EU) 2015/863 (RoHS)
- Avfall som utgörs av eller innehåller elektrisk och elektronisk utrustning 2012/19/EU
- Registrering, utvärdering, godkännande och begränsning av kemikalier (EG) nr 1907/2006 (REACH)

Du kan ladda ner EU-försäkran om överensstämmelse på den officiella webbplatsen: https://en.goodwe.com.

## 04 Certification Marks

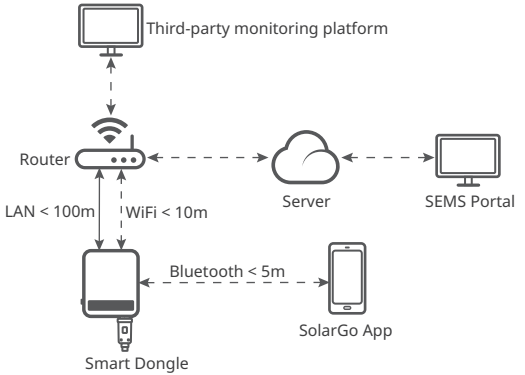


| Symbol | Meaning | Symbol | Meaning |
|---|---|---|---|
| CE | CE certification. | ANATEL Agência Nacional de Telecomunicações 08287-24-12051 | ANATEL certification. |
| RCM | RCM certification. | FC 2AU7J-WIFILANKIT20 | FCC certification. |
| SP C US 300612 | CSA certification. | R-R-JG5-WiFi_LANKit-20 | KC certification. |
| ICASA TA-2024/1773 APPROVED | ICASA certification. | ICT | TAC certification. |
| | NCC certification. | R | MIC certification. |

## 05 Applications

**NOTICE**

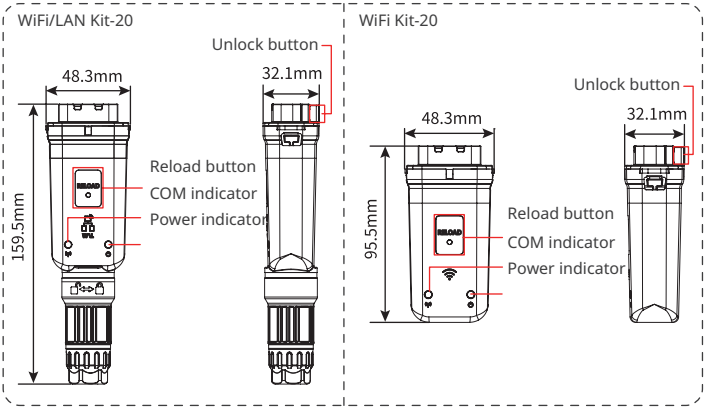
- Monitor the equipment via SEMS. The third-party monitoring platform must be compatible with the Modbus-TCP communication protocol for use.
- LAN mode is only applicable to WiFi/LAN Kit-20.



## 06 Product Introduction

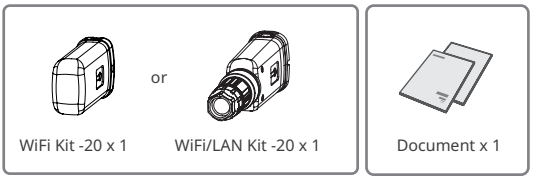
The Smart Dongle is a communication module for inverters, which uploads the system running information to the monitoring platform through WiFi or LAN.

### Parts and Dimension




## 07 Installation

### Deliverables

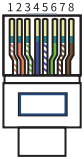


## Installing the Smart Dongle

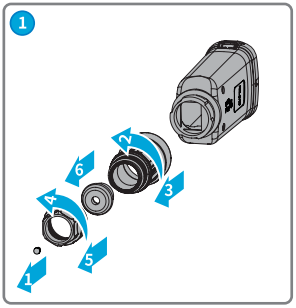
**NOTICE**

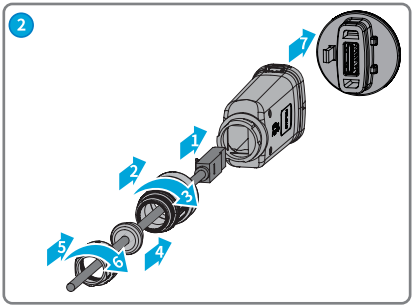
- This device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
- Steps 2 is only applicable to WiFi/LAN Kit-20 when the LAN function is required.

**Step 1** Remove the waterproof connector.
**Step 2** Route the LAN communication cable through the connector.

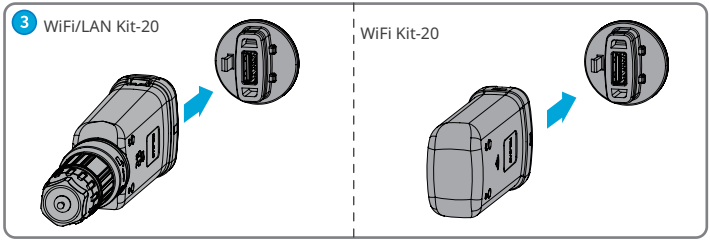



| PIN | Color | PIN | Color |
|---|---|---|---|
| 1 | White & orange | 5 | White & blue |
| 2 | Orange | 6 | Green |
| 3 | White & green | 7 | White & brown |
| 4 | Blue | 8 | Brown |

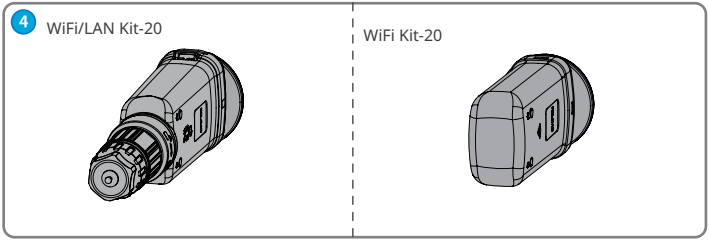


**Step 3** Connect the Smart Dongle into the inverter.




**Step 4** Finish the connection.



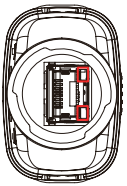

## 08 Power On

**Step 1** Power on the inverter.
**Step 2** Power on the router.
**Step 3** Determine the communication status of the Smart Dongle based on the communication indicator on the inverter side.

**NOTICE**

- Check the indicator status and make sure that the device recognition is completed before any operations.
- Double click the Reload button to turn on the bluetooth signal, and the indicator turns to single flash. If there is no device connected to the Smart Dongle within 5 minutes, bluetooth will automatically turn off.
- Double click the Reload button to turn on the bluetooth signal is not applicable to smart dongles with serial number 72000WLA***.
- The indicator only turns to single flash after double clicking the Reload button.

| Indicator | Status | Description |
|---|---|---|
| | | Solid on: The Smart Dongle is powered on. |
| | | Off: The Smart Dongle is not powered on. |
| | | Solid on: The WiFi or LAN communication is working well. |
| | | Single flash: The bluetooth signal of the Smart Dongle is on and waiting for connection to the app.* |
| | | Two flashes: The Smart Dongle is not connected to the router. |
| | | Four flashes: The Smart Dongle is communicating with the router but not connected to the server. |
| | | Six flashes: The Smart Dongle is identifying the connected device. |
| | | Off: The software of the Smart Dongle is in reset or not powered on. |



| Indicator | Color | Status | Description |
|---|---|---|---|
| Communication indicator in LAN Port | Green | Solid on | The connection of the wired network at 100Mbps is normal. |
| | | OFF | • The Ethernet cable is not connected.<br>• The connection of the wired network at 100Mbps is abnormal.<br>• The connection of the wired network at 10Mbps is normal. |
| | Yellow | Solid on | The connection of the wired network at 10Mbps is normal, but no communication data is received or transmitted. |
| | | Flashing | The communication data is being transmitted or received. |
| | | OFF | The Ethernet cable is not connected. |

| Button | Description |
|---|---|
| Reload | Press and hold for 0.5 to 3 seconds to restart the Smart Dongle. |
| | Press and hold for 6 to 20 seconds to restore the Smart Dongle to factory settings. |
| | Quick double click to turn on the bluetooth signal (lasts only 5 minutes; not for smart dongles with serial number 72000WLA***). |

# 09 Commissioning

## Commissioning via SolarGo App

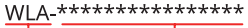
**NOTICE**

- Make sure that the WiFi RSSI value is higher than -60, -50 or higher is recommended. When the RSSI value is less than -60, you should move the router closer to the device,remove the obstacle, or add a repeater to improve the signal strength.
- When both WiFi and LAN modes are enabled on WiFi/LAN Kit-20, the communication is in LAN mode as priority.
- If both WiFi and LAN modes are disabled on WiFi/LAN Kit-20 simultaneously, the communication will not be available.

**Step 1** Download and install SolarGo app.
The UI may be different due to the app version upgrade. Scan the QR code for latest SolarGo app user manual.

SolarGo App  SolarGo App User Manual

**Step 2** Connect the app and the device through bluetooth signal (WLA-*** or WFA-***).




| | |
|---|---|
| 1 | Type of the Smart Dongle<br>• WLA: WiFi/LAN Kit-20<br>• WFA: WiFi Kit-20 |
| 2 | Inverter SN |

**Step 3** For first connection with the device via Bluetooth, there will be a Bluetooth pairing prompt, tap **Pair** to continue the connection.

**Step 4** Log in as an Owner or an Installer. Initial password: 1234. For first login, modify the initial login password following the prompts.

**Step 5** Tap **Home > Settings > Communication Setting** to set communication parameters of the device based on actual needs, like enable or disable WLAN, set network parameters, etc. For more details, refer to the **Configuring Communication Parameters** section in the **SolarGo App User Manual**.

## Change Login Password

The app login password can be changed. Keep the changed password in mind after changing it. Long press to restore the dongle if you forget the password.

**Step 1** Connect the device to the app, and log in to the app.

**Step 2** Tap **Home > Settings > Change Login Password** to change the password.

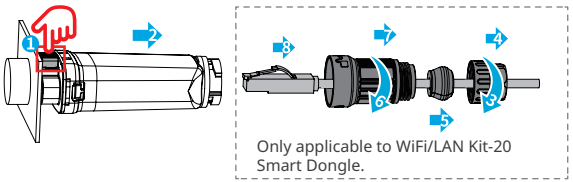
**Step 3** Change the password based on actual needs.

## 10 Replacing Equipment

**NOTICE**

- Do not remove the Smart Dongle when the dongle or the inverter is in firmware upgrading. Otherwise the upgrading might fail.
- Power off the inverter before replacing the dongle if the inverter does not support hot swap.

**Step 1** Prepare the new dongle before replacing.
**Step 2** Remove the dongle on the inverter.
**Step 3** Install the new dongle. For more details, refer to the corresponding device Quick Installation Guide.




## 11 Troubleshooting

| No. | Problem | Solutions |
|---|---|---|
| 1 | Cannot find WFA-*****/ WLA-***** | 1. Make sure that the Smart Dongle on the inverter is powered on and the blue indicator is flashing or solid on.<br>2. Make sure that the Smart Dongle is within its communication range.<br>3. Refresh the device list in the App.<br>4. Restart the inverter.<br>5. Double click the Reload button to enable the bluetooth signal.<br>6. Make sure no other smart device is connected to WFA-*****/WLA-*****. |

| No. | Problem | Solutions |
|---|---|---|
| 2 | Unable to connect to WFA-*****/WLA-***** | 1. Make sure successful pairing of Bluetooth.<br>2. Restart the inverter and reconnect to WFA-*****/ WLA-*****.<br>3. Cancle the paring with WFA-*****/WLA-***** in your phone's Bluetooth Settings, and reconnect through the app. |
| 3 | Cannot find router SSID | 1. Put the router nearer to the Smart Dongle. Or add a WiFi relay device to enhance the WiFi signal.<br>2. Reduce the number of devices connected to router.<br>3. Make sure the router supports 2.4 ghz. |
| 4 | After completing all configurations, the Smart Dongle fails to connect to the router. | 1. Restart the inverter.<br>2. Check if the SSID, encryption method and password on WiFi configuration page are the same with that of Router.<br>3. Restart the router.<br>4. Put the router nearer to the Smart Dongle. Or add a WiFi relay device to enhance the WiFi signal. |
| 5 | After completing all configurations, the Smart Dongle fails to connect to the server. | Restart the router and the inverter. |

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