SUNNIC 50-80 KW DC FAST CHARGING STATION

The Sunnic DC fast charging station is a product specifically designed for the European market, with advanced data processing, intelligent control, excellent heat dissipation and low noise levels. It is available in power ratings of 50, 60 and 80 kW. Its technical parameters comply with European DC charging standards and it is equipped with a range of protection and warning functions to ensure the safety of users and vehicles during charging.

Application options

- Taxi
- Bus
- Public charging station
- Residence community
- Shuttle bus
- Freight vehicles, special vehicles
- Enterprises and institutions
- Commercial complex



Items		Parameters		
Basic index				
	Rated Power	50kW	60kW	80kW
	Dimensions (wxdxh)	800mm x 500mm x 1800mm		
	Charging outlet	CCS2+CHAdeMO(optional), length: 5m		
	HMI	10.1 inch, color Touch Screen		
	Energy meter	MID		
	Installation	Ground mounted		
Communication				
	EVSE	PLC (DIN 70121: 2014-12 / ISO15118)		
	Back-end protocol	OCPP 1.6 / OCPP 2.0 (upgardeble)		
Method of payment				
	Payment mode	Optional:RFID Card / POS		
Input characterisics				
	Input voltage	400VAC±10%, three-phase+N+PE		
	Frequency	50Hz		
	Power factor	>0.98 (50%~100%load)		
	Harmonic	iTHD<5%		
Output characterisics				
	Voltage	DC 200~1000V		
	Current	CCS2 167A max. CHAdeMO 124A max.	CCS2 200A max. CHAdeMO 125A max.	CCS2 200A max. CHAdeMO 125A max.
	Power	CCS2 50kW max. CHAdeMO 50kW max.	CCS2 60kW max. CHAdeMO 60kW max.	CCS2 80kW max. CHAdeMO 62.5kW max.
	Peak efficiency	>95%		
	Charging way	Meantime		
Environmental indicators				
	Operating temperature	-30°C ~+50°C		
	Relative humidity	5%~95% without condensation		
	Working altitude	<2000M		
	Protection grade	IP54		
	Application site	Indoor/Outdoor		
	Cooling method	Intelligence air forced cooling		
	Noise	≤55dB		
Markings				
	Certifications	CE, CB, UKCA, TR25		
Weight				
	Net Weight	≤250KG		
	Gross Weight	≤300KG		

SUNNIC 120-160 KW DC FAST CHARGING STATION

The Sunnic DC super fast charging station is available in 120 kW, 150 kW and 160 kW. It is characterised by high data processing, intelligent control, excellent heat dissipation and low noise levels. It offers excellent performance at high temperatures with a constant power output. It is stable, reliable and waterproof, with low standby power consumption. The output voltage is 200-1000V, so it can be used for all types of electric vehicles.

Application options

- Taxi
- Bus
- Public charging station
- Residence community
- Shuttle bus
- Freight vehicles, special vehicles
- Enterprises and institutions
- Commercial complex



Items		Parameters		
Basic index				
	Rated power	120 kW	150 kW	160 kW
	Dimensions (wxdxh)	850 mm x 610 mm x 2000 mm		
	Charging outlet	CCS2+CHAdeMO (optional), length: 5 m		
	HMI	10.1 inch, color Touch Screen		
	Energy meter	MID		
	Installation	Ground mounted		
Communication				
	EVSE	PLC (DIN 70121:2014 12/ISO15118)		
	Back-end protocol	OCPP 1.6/ OCPP 2.0 (upgradeable)		
Method of payment				
	Payment mode	Optional: RFID Card/POS		
Input characteristics				
	Input voltage	400 VAC± 10%		
	Frequency	50 Hz		
	Power factor	>0.98 (50%~100% load)		
	Harmonic	iTHD<5%		
Output characteristics				
	Voltage	DC 200~1000 V		
	Current	CCS2 200 A max. CHAdeMO 125 A max.		
	Power	CCS2 120 kW max. CHAdeMO 62.5 kW max.	CCS2 150 kW max. CHAdeMO 62.5 kW max.	CCS2 160 kW max. CHAdeMO 62.5 kW max.
	Peak efficiency	>95%		
	Charging way	Meantime		
Environmental indicators				
	Operating temperature	-30°C ~ +50°C		
	Relative humidity	5% ~ 95% without condensation		
	Working altitude	<2000 m		
	Protection grade	IP54		
	Application site	Indoor/Outdoor		
	Cooling method	Intelligence air forced cooling		
	Noise	≤60 dB		
Markings				
	Certification	CE, CB, UKCA, TR25		
Weight				
	Net weight	≤330 kg		
	Gross weight	≤400 kg		

SUNNIC 180-240 KW DC FAST CHARGING STATION

The Sunnic DC ultra fast charging station is available in 180 kW and 240 kW power outputs, further extending the high power charging options. These models are optimised for the European market, with high data processing, intelligent control, excellent heat dissipation and low noise levels. With the new power levels, Sunnic DC charging stations enable fast charging of an even wider range of electric vehicles with 200-1000V output voltage, making them ideal for all types of electric vehicles. The products offer stable operation, reliability and low standby power consumption, as well as a waterproof design and multiple safety features to ensure the safety of users and vehicles.

Application options

- Taxi
- Bus
- Public charging station
- Residence community
- Shuttle bus
- Freight vehicles, special vehicles
- Enterprises and institutions
- Commercial complex



Items		Parameters	
Basic index			
	Rated power	180 kW	240 kW
	Dimensions (wxdxh)	850 mm x 880 mm x 2000 mm	
	Charging outlet	CCS2+CHAdeMO (optional), length: 5 m	
	HMI	10.1 inch, color Touch Screen	
	Operating environment	Indoor or outdoor (IP54)	
	Energy meter	MID	
	Installation	Ground mounted	
Communication			
	EVSE	PLC (DIN 70121:2014 12/ISO15118)	
	Back-end protocol	OCPP 1.6/ OCPP 2.0 (upgradeable)	
Method of payment			
	Payment mode	Optional: RFID Card/POS	
Input characteristics			
	Input voltage	400 VAC± 10%	
	Frequency	50 Hz	
	Power factor	>0.98 (50%~100% load)	
	Harmonic	iTHD<5%	
Output characteristics			
	Voltage	DC 200~1000 V	
	Current	CCS2 300 A max. CHAdeMO 125 A max.	
	Power	CCS2 180 kW max. CHAdeMO 62.5 kW max.	CCS2 240 kW max. CHAdeMO 62.5 kW max.
	Peak efficiency	>95%	
	Charging way	Meantime	
Environmental indicators			
	Operating temperature	-30°C ~ +50°C	
	Relative humidity	5% ~ 95% without condensation	
	Working altitude	<2000 m	
	Protection grade	IP54	
	Application site	Indoor/Outdoor	
	Cooling method	Intelligence air forced cooling	
	Noise	≤60 dB	
Markings			
	Certification	CE, CB, UKCA, TR25	
Weight			
	Net weight	≤440 kg	
	Gross weight	≤530 kg	

SUNNIC 320-400 KW DC FAST CHARGING STATION

The big gun of Sunnic DC fast chargers is the Supergiant charging station. Capable of 320-400 kW, it charges electric vehicles in a very short time. Its technical parameters comply with the European DC charging standards, it has several protection and warning functions in case of anomalies during charging, ensuring the safety of users and vehicles. Such a high performance DC charger provides fast and efficient charging, which is particularly important for longer journeys or at frequently used charging points.

Application options

- Taxi
- Bus
- Public charging station
- Residence community
- Shuttle bus
- Freight vehicles, special vehicles
- Enterprises and institutions
- Commercial complex



Items			Parameters
Basic index			
	Rated power	320 kW	400 kW
	Dimensions (wxdxh)	850 mm x 1100 mm x 2100 mm	
	Charging outlet	CCS2+CHAdeMO (optional), length: 5 m	
	HMI	10.1 inch, color Touch Screen	
	Energy meter	MID	
	Installation	Ground mounted	
Communication			
	EVSE	PLC (DIN 70121:2014 12/ISO15118)	
	Back-end protocol	OCPP 1.6/ OCPP 2.0 (upgradeable)	
Method of payment			
	Payment mode	Optional: RFID Card/POS	
Input characteristics			
	Input voltage	400 VAC± 10%	
	Frequency	50 Hz	
	Power factor	>0.98 (50%~100% load)	
	Harmonic	iTHD<5%	
Output characteristics			
	Voltage	DC 200~1000 V	
	Current	CCS2 rate 300 A CHAdeMO 125 A max.	
	Power	CCS2 320 kW max. CHAdeMO 62.5 kW max.	CCS2 400 kW max. CHAdeMO 62.5 kW max.
	Peak efficiency	>95%	
	Charging way	Meantime	
Environmental indicators			
	Operating temperature	-30°C ~ +50°C	
	Relative humidity	5% ~ 95% without condensation	
	Working altitude	<2000 m	
	Protection grade	IP54	
	Application site	Indoor/Outdoor	
	Cooling method	Intelligence air forced cooling	
	Noise	≤60 dB	
Markings			
	Certification	CE, CB, UKCA, TR25	
Weight			
	Net weight	≤580 kg	
	Gross weight	≤710 kg	