PV Module Optimizer

SUN-XL02-B





Increase in power generation capacity:
Module-level maximum power point tracking (MPPT) can increase power generation by 5% to 25%.

Monitoring:
Real-time monitoring of the operation status of each photovoltaic module allows for timely detection of issues and precise troubleshooting[1].

Stable and reliable communication:
Using photovoltaic cables carrier communication eliminates the need for additional communication cables[1].

Rapid shutdown function:
Quickly reduces the DC voltage of the photovoltaic array to a safe range[1].

Stock Code: 605117.SH

[1] *This function is only available when used with Optimizer Concentrators.

Technical Data

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Model	SUN-XL02-B
Project	**Parameter**
Maximum input power(W)	700W
Maximum input voltage(V)	80V
MPPT voltage range (V)	12-80V
Maximum input current (A)	15A
Peak conversion efficiency	99.5%
Installation specifications dimensions(mm)	105×105×22mm
Weight (g)	660g
Cable	4.0mm² input 70cm output 100cm
Connector	MC4 Or Compatible with MC4
Operating temperature range	-40℃ ~ +85℃
Level of protection	IP68
Product certification	CE
Communication mode	PLC