

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].

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Stock Code: 605117.SH

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

Model

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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	4.0mm ² input 70cm output 100cm
Connector	MC4 Or Compatible with MC4
Operating temperature range	-40 C ~ +85 C
Level of protection	IP68
Product certification	CE
Communication mode	PLC