

# 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<sup>[1]</sup>.

## **Stable and reliable communication:**

Using photovoltaic cables carrier communication eliminates the need for additional communication cables<sup>[1]</sup>.

## **Rapid shutdown function:**

Quickly reduces the DC voltage of the photovoltaic array to a safe range<sup>[1]</sup>.



Stock Code: 605117.SH

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

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