

## HCPS1 PV Shutdown

### Ratings:

- ◇ Maximum DC Voltage: 80V
- ◇ Rated DC Current: 16A
- ◇ Maximum System Voltage: 1500VDC
- ◇ Protection Degree: IP68
- ◇ Ambient Temperature : -40°C~ +85°C



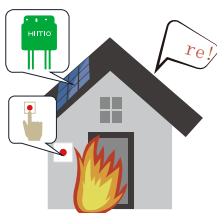
### Approvals/Standards:

- ◇ NEC 2020 690.12
- ◇ TUV
- ◇ RoHS

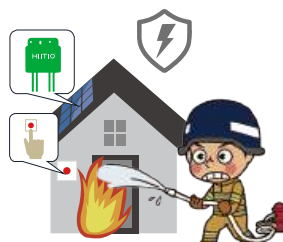
### Features&Benefits:

- ◇ Low internal resistance MOSFET switch, low temperature rise, no arc pulling and no sputtering;
- ◇ PLC communication technology, no peripheral signal cable;
- ◇ MINI type shell design, frame snap-on insertion, easy installation;
- ◇ Reverse polarity protection, compatible with short circuit, reverse irrigation design, high reliability;
- ◇ A low-cost, cost-effective, 20-year life design.

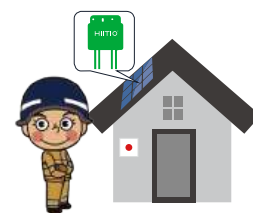
CHARACTERISTIC PARAMETERS	
Product Model	HCPS1-01
Rated DC Current	16A
Length of Cable	Input Wire 100 cm * 2Pcs Output Wire 70 cm* 2Pcs Cable 4mm <sup>2</sup>
RSS system voltage	1000V/1500V (Optional)
Maximum input voltage	80V(Io=0)
Maximum input current	20A
Maximum input power	750W
Start-up voltage	12V
Rated current	16A
Rated power	600W
Mode of communication	PLC
Degree of protection	IP68
Storage and operating temperature	-40°C ~ 85°C
Connector	MC4 or compatible MC4
Execution standards	NEC 2017/2020 690.12 standard



Manually turn off the transmitter power and inverter switch.



Firefighter can work now, no life risk put out fire using water.

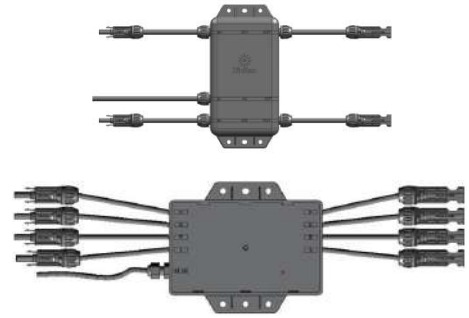


Fire put out,house is safe now.

## HCPT1 PV Transmitter

### Product description

This product acts on the switching device at the component level and defaults to the off state. When receiving the transmitted signal of the incoming controller, the component string channel is opened and the inverter operates normally; When the transmit signal is not received, the MOSFET is quickly turned off, and the component string channel is also closed, so that the system high voltage is reduced to less than 30V within 30S to ensure the safety of fire fighting and installation and maintenance personnel.



Transmitter	HCPT1-01	HCPT1-02
Working line	4 road	2 road
Sunspec agreement	Yes	
Operating voltage range	100V-240V 50-60Hz	
Waterproof rating	IP67	
Dimensions (length, width and height)	169.5mm*146.5mm*35mm	
Weight	520g	
Operating temperature range	-40°C +65°C	
PLC communication distance	300m	
Connector	MC4 or compatible	MC4 compatible

### 1 Transmitter can control 4 module strings

