

# Microinverter

 **SUNKET-ESS<sup>®</sup>**

SUN-600-PRO

SUN-800-PRO

SUN-1000-PRO



Rapid shutdown function



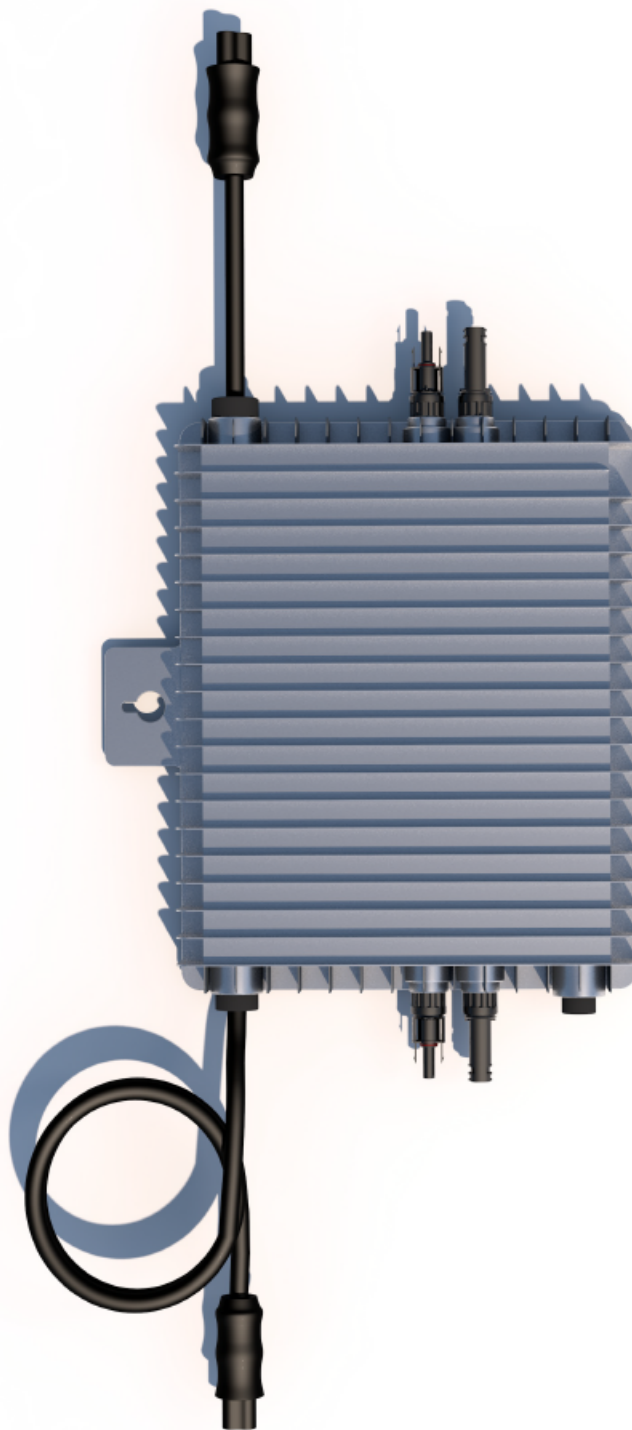
IP67 protection degree ,  
10 years warranty



PLC, Zigbee or  
WIFI communication



1 MPP trackers,  
module level monitoring



# Microinverter

Model	SUN-600-PRO	SUN-800-PRO	SUN-1000-PRO
<b>Input Data (DC)</b>			
Recommended input Power (STC)	210~450W (2 Piece)	210~600W (2 Piece)	210~600W (2 Piece)
Maximum input DC Voltage	60V		
MPPT Voltage Range	25~55V		
Operating DC Voltage Range	20~60V		
Max. DC Short Circuit Current	16A		
Max. input Current	12.5A×2	12.5A×2	12.5A×2
<b>Output Data (AC)</b>			
Rated output Power	600W	800W	1000W
Maximum output Power	660W	880W	1100W
Maximum output Current	2.9A	3.8A	4.8A
Nominal Voltage / Range	230V / 184-265V		
Nominal Frequency / Range	50 / 60Hz		
Extended Frequency / Range	45~55Hz / 55~65Hz		
Power Factor	>0.99		
Maximum units per branch	8	6	5
<b>Efficiency</b>			
CEC Weighted E / ciency	95%		
Peak Inverter E / ciency	96.5%		
Static MPPT E / ciency	99%		
Night Time Power Consumption	50mW		
<b>Mechanical Data</b>			
Ambient Temperature Range	-40~65 °C		
Size (mm)	212W×229H×40D (Without mounting bracket and cable)		
Weight (kg)	3.5		
Cooling	Natural cooling		
Enclosure Environmental Rating	IP67		
<b>Features</b>			
Compatibility	Compatible with 60~72 cell PV modules		
Communication	Power line / WIFI / Zigbee		
Compliance	EN50549 \ VDE0126 \ VDE4105 \ IEC62109 \ CE \ INMETRO		
Warranty	10 years		

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