

# Smart PV Optimizer



## Higher Revenue

Max. efficiency 99.5%



## Simple & Easy

Support partial optimizer



## Safe & Reliable

IP68

Technical Specification	SUN2000P-375W
<b>Input</b>	
Rated input power <sup>1</sup>	375 W
Absolute maximum input voltage	80 V
MPPT operating voltage range	10 - 80 V
Max. input current	12 A
Max. efficiency	99.5 %
Weighted efficiency	99.0 %
Overvoltage category	II
<b>Output</b>	
Max. output voltage	80 V
Max. output current	10 A
Output bypass	Yes
<b>Standard Compliance</b>	
Safety	IEC62109-1 (class II safety)
RoHS	Yes
<b>General Data</b>	
Maximum allowed system voltage	1,000 V
Dimension (W x H x D)	125 x 150 x 25.2 mm (4.9 x 5.9 x 1.0 inch)
Weight (including cables)	0.7 kg (1.5 lb.)
Installation part	Star Washer (standard) / Grounding Plate, Grounding Lug, PV Module Frame Plate (optional)
Input connector	MC4
Output connector	MC4
Output wire length	1.2 m (3.9 ft.)
Operating temperature / humidity range	-40 °C~85 °C / 0 %RH~100 %RH
Degree of protection	IP68
DC MBUS compatible product	SmartPSB2000

<sup>1</sup> Rated input power of the module. Module of up to +5% power tolerance allowed.



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