

Smart PV Optimizer



Higher Revenue

Max. efficiency 99.5%



Simple & Easy

Support partial optimizer



Safe & Reliable

IP68

Technical Specification		SUN2000P-375W
		Input
Rated input power ¹		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
		Output
Max. output voltage		80 V
Max. output current		10 A
Output bypass		Yes
		Standard Compliance
Safety		IEC62109-1 (class II safety)
RoHS		Yes
		General Data
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

^{*1} Rated input power of the module. Module of up to +5% power tolerance allowed.