



SUNGO-OPT-PRO

Features

- Module-level MPPT, 5~25% more power generation
- 25-year use life, same as PV module
- For PV power plants in operation and under construction
- Easy to install



Model		SUNGO-OPT-PRO
DC input		
Max input power		600W
Operation voltage range		7 ~ 60V
MPPT voltage range		7 ~ 60V
Max input current		17A(scalable)
Over-current protection		25A
Over-temperature protection		150 ℃
DC output		
Max output current		17A
Output voltage limit		42V(adjustable)
Max system voltage		1500V
72-cell module in serial @1500V		36 pcs
72-cell module in serial @1100V		26 pcs
72-cell module in serial @1000V		24 pcs
Efficiency		
Peak efficiency		99.5%
Power loss @5A		0.9W
Power loss @8A		1.4W
Power loss @12A		2.9W
Power loss @15A		4.5W
Power loss @20A		7.2W
Certifications and approvals		
EMC		EN61000-6-2/EN61000-6-3;FCC part 15,class B
Safety		EN62109-1;UL1741;UL3730 CSA C22.2 NO.107. 1-101
RoHs		certified
General data		
Dimensions (L×W×H)		103×105.3×21.3mm
Weight		0.65Kg
input/output cable length		150/1050mm
input/output cable size		4mm²(12AWG) / 4mm²(12AWG)
Terminals		MC4(compatible)
Environmental Protection Rating		IP67/NEMA6
Relative humidity		0-100%RH
Operating temperature range		-40-+65℃
Cooling		natural cooling