

SUNGO

Always Optimized

Smart Optimizer SUNGO OPT PRO

PV Back



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Features

Optimize Power Generation

Module-level MPPT, no more worries of shading, power generation increased up to 30%

Flexible Use

Matching mainstream PV modules and various inverters for worry-free installation of PV power plants in operation and under construction

System Maximization

Fully utilize roof space to achieve system maximization

Easy to install

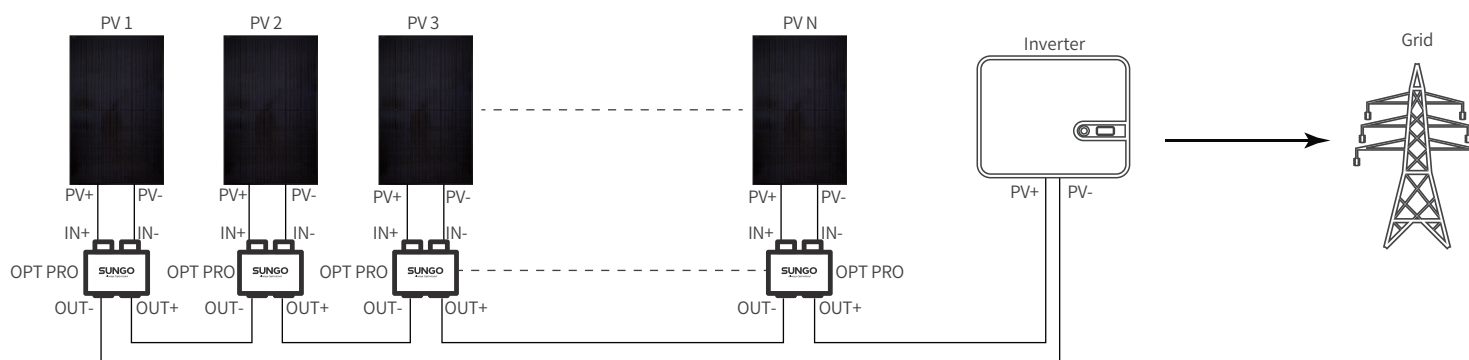
Bolts + Clips installation, convenient and fast

Advanced MPPT Algorithm

The MPPT algorithm is not only advanced but also boasts rapid calculation speeds, resulting in efficiency levels exceeding 99.5% and peaking at 99.7%

Quality Warranty

25 years products replacement warranty



Optimizer Connection Diagram

Technical Parameters

Model	SUNGO OPT PRO
DC Input	
Max input power	800W
Max voltage	70V
MPPT voltage range	7~60V
Max continuous input current	21A
Max input short-circuit current	23A
Night self-consumption	0W
DC Output	
Rated output voltage	58V
Max continuous output current	21A
Max output power	780W
Max system voltage	1500V
Efficiency	
Peak efficiency	99.7%
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
General Data	
Dimensions (W*D*H)	103*21.3*105.3mm
Weight	0.65Kg
Input/output cable length	IN+ 200 / IN- 1100 / OUT+ 750 / OUT- 750mm
Input/output cable size	4mm ² (12AWG) / 4mm ² (12AWG)
Terminals	MC4(compatible)
Protection rating	IP67/NEMA6
Relative humidity	0~100%RH
Operating temperature range	-40~+60℃
Cooling	Natural cooling
Overvoltage category	OVC II
Maximum altitude	≤4000m
Certification	CE
EMC	EN IEC 61000-6-1:2019EN IEC 61000-6-2:2019EN IEC 61000-6-3:2021ENIEC 61000-6-4:2019
Packaging	20pcs/CTN 900pcs/pallets