

PV Back



PV Optimizer SUNGO OPT PRO

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Features

Optimize Power Generation

Module-level MPPT ensures optimal performance regardless of shadows, malfunction, etc, resulting in a remarkable power generation increase of 5%-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

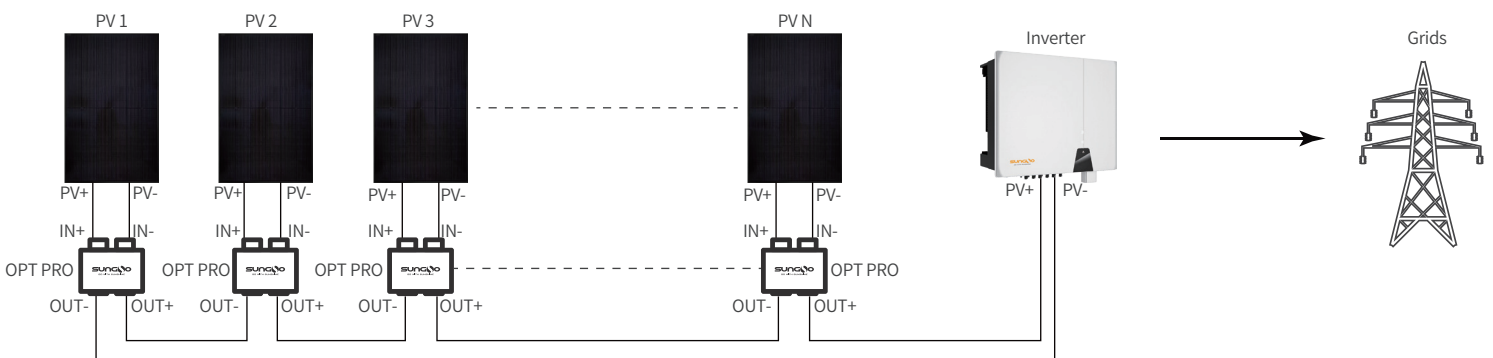
Bolts + Clips installation, convenient and fast

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

12-year standard warranty, high stability, service life over 25 years



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 / IN- 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°C
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