

PV Back



PV Optimizer SUNGO OPT

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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

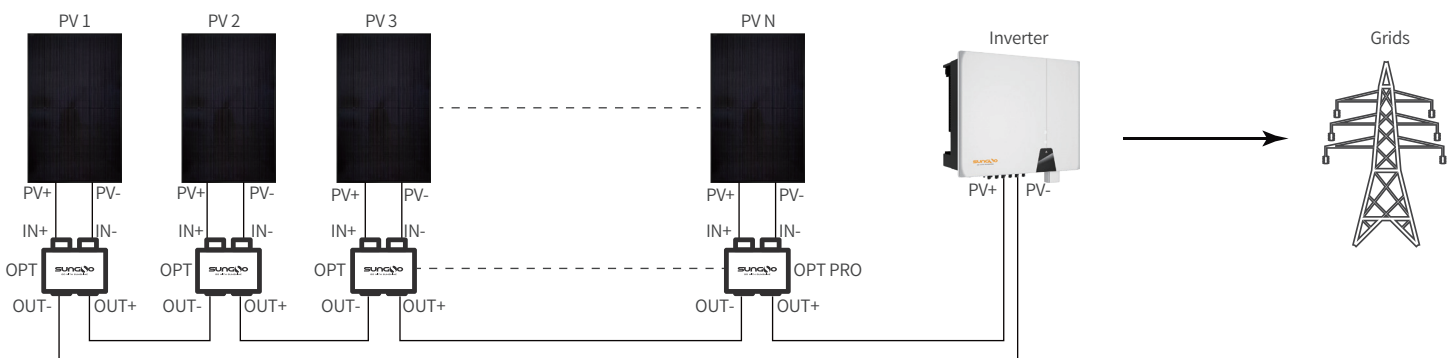
Bolts + Clips installation, convenient and fast

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
DC Input	
Max input power	600W
Max voltage	60V
MPPT voltage range	7~60V
Max continuous input current	16A
Max input short-circuit current	18A
Night self-consumption	0W
DC Output	
Rated output voltage	42V
Max continuous output current	16A
Max output power	600W
Max system voltage	1500V
Efficiency	
Peak efficiency	99.7%
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 (12AWG)
Terminals	MC4(Compatible)
Protection rating	IP67/NEMA6
Operating temperature range	-40~+65°C
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