

# PV Optimizer SUNGO OPT PRO

PV Back



www.sungoess.com  
E-mail: sales@sungoess.com



## 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

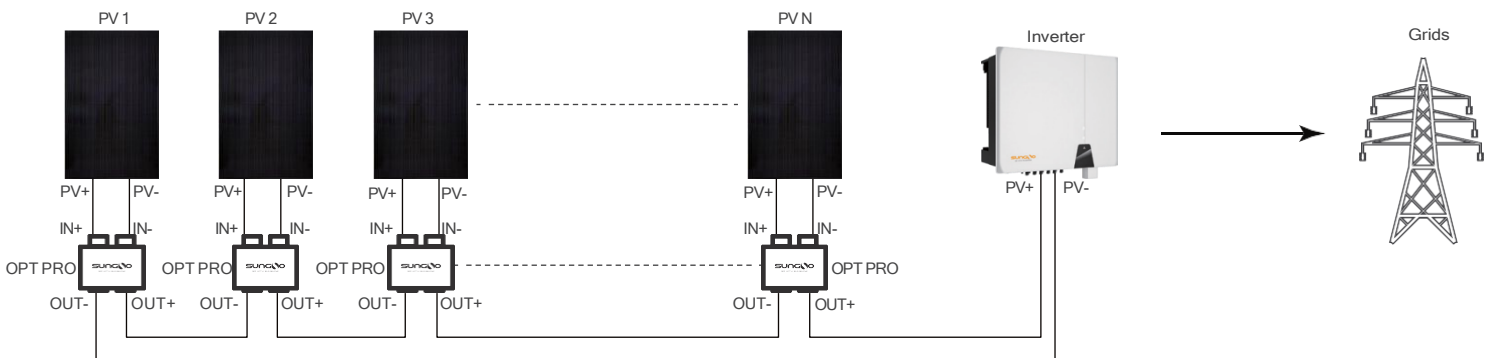
Bolts + Clips installation, convenient and fast

### 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

High stability 25-year warranty



Optimizer Connection Diagram

# Optimizer Technical Parameters

Model	SUNGO OPT PRO
<b>DC input</b>	
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
<b>DC output</b>	
Rated output voltage	58V
Max continuous output current	21A
Max output power	780W
Max system voltage	1500V
<b>Efficiency</b>	
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
<b>General data</b>	
Dimensions (W*D*H)	103*21.3*105.3mm
Weight	0.65Kg
Input/output cable length	200/1100mm
Input/output cable size	4mm <sup>2</sup> (12AWG) / 4mm <sup>2</sup> (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