

Model	SUNGO-OPT
DC input	
Max input power	600W
Operation voltage range	7 ~ 60V
MPPT voltage range	7 ~ 60V
Max input current	16A
Over-current protection	18A
Over-temperature protection	150℃
DC output	
Max output current	16A
Output voltage limit	42V
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
General data	
Dimensions (L×W×H)	103×105.3×21.3mm
Weight	0.65Kg
input/output cable length	150/1050mm
input/output cable size	4mm ² (12AWG) / 4mm ² (12AWG)
Terminals	MC4(compatible)
Environmental Protection Rating	IP67/NEMA6
Relative humidity	0~100%RH
Operating temperature range	-40~+65℃
Cooling	Natural cooling