

# FOTOVOLTAIKA

## OPTIMIZÉR FV-INV600

Model	FV-INV600
<b>DC input</b>	
Max input power	600W
Operation voltage range	7 ~ 60V
MPPT voltage range	7 ~ 60V
Max input current	17A (scalable)
Over-current protection	25A
Over-temperature protection	150 C
<b>DC output</b>	
Max output current	17A
Output voltage limit	42V (adjustable)
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
<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>Certifications and approvals</b>	
EMC	EN61000-6-2/EN61000-6-3; FCC part 15, class B
Safety	EN62109-1; UL1741; UL3730 CSA C22.2 NO.107. 1-101
RoHs	certified
<b>General data</b>	
Dimensions (L×W×H)	103×105.3×21.3mm
Weight	0.65Kg
input/output cable length	150/1050mm
input/output cable size	4mm <sup>2</sup> (12AWG) / 4mm <sup>2</sup> (12AWG)
Terminals	MC4 (compatible)
Environmental Protection Rating	IP67/NEMA6
Relative humidity	0-100%RH
Operating temperature range	-40-+65°C
Cooling	natural cooling