

MMB SOLARIX 350 MODULE OPTIMIZER



Module optimizer

Optimizer and Intelligent Disconnect, maximizing power harvested from individual PV-modules as well as for intelligent disconnection of the PV-module output upon detection of loss of string current.

Features:

- Module level Maximum Power Point Tracking (MPPT)
- Eliminates high PV string voltages during installation, string disconnect in case of maintenance/emergency (fire) event
- Disconnect operation without the need for additional external communications equipment

Benefits for investor:

- Increase return on investment
- Prolongs the lifetime of the device
- Increase safety of installation

INPUT DATA	
PV-Panel Power Range (Pmax at STC)	350W
Input MPPT start voltage	10 V
MPPT Operating (PV) Voltage Range	10V – 48V
OUTPUT DATA	
Maximum Output Sourcing Current (continuous)	10,5A
Maximum Output Voltage	48 V
GENERAL DATA	
Dimensions (height x width x depth)	100 x 140 x 30 mm
Weight	0,3 kg
Degree of protection	IP66
Ambient temperature	-40 to +70°C
Maximum permissible value for relative humidity	100%
Overvoltage category	2
Input/output connection	MC4
Certificates and compliance with standards	IEC 62109, 61000-6-1, 61000-6-3; CE
Guarantee options:	15 / 20 / 25 years
EFFICIENCY	
Efficiency (90% duty cycle, 10A load)	99,13 %
CEC efficiency	98.71 %
EURO efficiency	98.91 %