SolarIQ Optimizer

PN: SIAPV_POW_OPTDE01B
EAN: 6422956012595



Specifications

Input(DC)	
Operating Range	8V ~ 55V
Maximum Input Current	20A
Maximum Rated Input DC Power	700W
Output(DC)	
MPPT Output Range	8~42VDC
Overcurrent Protection	25A
Efficiency	
Maximum Efficiency	99.5%
Protection	
DC Short-Circuit Proteciton	Yes
Protection Rating	IP68
Bypass Diode Activating	PV Voltage < 8V
Fire Rating Degree	5VA
General Data	
Maximum String Voltage	1500 VDC
Operating Temperature Range	-40°C ~ 85°C
DC Input Connector	MC4
Outside Diameter Of Wire	5.7/6.1/6.4 mm
Input Wire Length	0.5 m
Output Wire Length	1 m
Physical	
Weight(including cables)	550 g
Dimensions(W x L x H)	105 x 107 x 22 mm

- Mitigates the mismatch loss of PV module
- Compatible with various PV modules
- Designed to work in the complex and changeable installation sites
- Maximum efficiency (99.5%)
- Clip-type design, Reliable fastening
- Easy disassembly and maintenance
- 5 Years Warranty provided for optimizer

Logistics

Carton Box Size (LxWxH)	590 x 390 x 170 mm
Pieces in the Carton Box	20
Net & Gross weight / CTN	N.W.: 12 / G.W.: 13.1

Certificates

EN 62109-1:2010, EN 62479:2010,
EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021,
EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019

RoHS 2011/65/EU CE