

Lite & Flex

Panel

Electrical characteristics	
PC (W)	200 W (x4 = 800W)
Modul Efficiency	19.2%
Vmp (V)	15.3V
Imp (A)	13.1A
Voc (V)	18.55V
Isc (A)	14.14A
Tolerance (W)	0-5w
Application Class	Class A
Maximum Series Fuse Rating	25 A
Temperature characteristic	
NOCT(Nominal Operating Cell Temp.)	45 ± 2°C
Working temperature range	-40°C to +85°C
Temperature coef VOC	-0.28%/°C
Temperature Coef ISC	0.020%/°C
Coef temperature Pmax	-0.38%/°C
Technical specifications	
Dimensions	1140*915*3 mm
Output cables	4mm ² (+)/(-) 400 mm
Cell type	Monocrystalline silicon cell
Cell number	5.4
Weight	3.3kg
Backsheet	White
Junction box	IP67

Wechselrichter

DC input	
Model	EVT 600
Maximum input power	Max 600 W
MPPT voltage range (module open circuit voltage)	30 – 40 V
Starting voltage	22V d.c.
Working voltage range	22-60 V d.c.
Input voltage	60V
Input current	2x18A
Maximum input short-circuit current	2x20A
Maximum input short-circuit current	0A
AC output	
Model	EVT 600
Maximum power	600 VA
Nominal output current	120 V 6.6. A 230 V 3.5 A
Nominal output voltage range	120 V AC (Anwendungsbereich: wie Japan, Nordamerika) 230 V a.c. (Anwendungsbereich: wie Europa)
Nominal frequency range	50 Hz/60 Hz
Power factor	>0.99 default 0.95 leading...0.95 lagging
Harmonic distortion of the output current	<3 %
Maximum number per string	120V 6 Stück 230V 12PCs Stück
Mechanical data	
Ambient temperature range (°C)	-20 bis +50c
Storage temperature range (°C)	-20 bis +50c
Dimensions	283x200x41.6
(length x width x height mm)	2,3
Weight (kg)	Outdoor Nema 3r (IP67)
Protection class	Natürliche Konvektion (Keine Lüfter)
Cooling method	PD3
Degree of soiling	
EFFICIENCY	92.70 %
Highest microinverter efficiency	92.50 %
Highest microinverter efficiency	99.80 %
Nominal MPPT	0