

EVT2000

Connected to four panels



SAFE
Low DC voltage.

QUALITY
Components selected from world-class brands.

MONITORING
Built-in WiFi or additional monitoring device* available.

FLEXIBILITY
Adapts to any system size and optimizes space.

PLUG & PLAY
Hand-in-hand design, fewer add-ons, and fast installation.

15 YEARS
Long 25 years lifetime; optional up to 20 years warranty.

MODULE-LEVEL
Module-level optimization & monitoring.

Monitoring device*: Monitoring devices are optional at extra cost.



Monitoring

Enables users to manage the systems in a smart digital ways via PLCC or Built-in Wifi.

DATASHEET

Model	EVT2000
Input Data (DC)	
Recommended Input Power Range(STC)	(250W-650W+)*4
Max. DC Input (V)	60V
Isc PV (Absolute Max.) (A)	25A
Operating Range (V)	16V-60V
Max. Input Current (A)	18A*4
MPPT Voltage Range (V)	22V-50V
Output Data (AC)	
Normal Voltage (Vac)	220V/230V
Voltage Range (Vac)	189-260V
Current (Max.continuous) (A)	9.09A
Frequency (Hz)	50Hz/60Hz
Frequency Range (Hz)	47.5-52.5Hz/57.5-62.5Hz
Power (Max.continuous) (W)	2000W
Power Factor/Rated (default)	+/-0.90
Total Harmonic Distortion	<3%
Maximum Units Per Branch (12AWG Cable)	2 Units
Efficiency	
Peak Efficiency	96.5%
MPPT Efficiency	99.9%
Nighttime Power Consumption	< 100mW
Features	
Communication	PLCC(Power Line Carrier Communication) / PLCC
Compliance	LVD 2014/35/EU, EMC 2014/30/EU, REACH, IEC 62116&IEC 61727, INMETRO, BIS, CQC
Warranty	15 years (20 years optional)
Others	
Ingress Protection (IP)	IP 67
Protective Class	Class I
Temperature (C)	-40 C to +65 C
Relative Humidity	0% - 98%
Overvoltage Category	OVC III (AC Main), OVC II (PV)
Inverter Isolation	☒ High Frequency Isolated
Weight	6.5kg
Dimensions (W*H*D)	395mm*242.4mm*47mm