

EVT2000SE

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	EVT 2000SE
Input DC Data	
Recommend Module Power Range(W)	(250W - 650W+)*4
Maximum input voltage (V)	60V
MPPT voltage range (V)	22V-50V
Min.start voltage (V)	16V
Maximum continuous input current (A)	18A*4
Maximum input short circuit current (A)	25A
Number of MPPT	4
Output AC Data	
Maximum continuous output power(VA)	2000VA
Peak output power(VA)	2000VA
Nominal output voltage/range (V)	220/230/ (189~260)
Maximum continuous output current (A)	9.09A
Nominal frequency/range (Hz)	50Hz (47.5~52.5Hz) 60Hz (57.5~62.5Hz)
Power factor(adjustable)	+/-0.9
Total harmonic distortion	<3%
Maximum Units Per Branch	2 Units (12AWG Cable)
Efficiency	
Peak efficiency	96.5%
MPPT efficiency	99.9%
Night power consumption (mW)	< 100mW
Mechanical and Environment Data	
Ambient temperature range(°C)	-40~+65
Relative Humidity	0%~98%
Dimensions (W × H × D mm)	TBC
Weight (kg)	TBC
Ingress Protection	IP67
Cooling	Natural convection
Features	
Communication	PLCC/ WiFi
Compliance	IEC/EN 62109-1/-2, IEC/EN 61000-3-2/-3, IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 55014-1/-2, EN 50549-1:2019, VDE-AR-N 4105:2018, TOR 2019, OVE R25:2020, NA/EEA-NE7-CH:2022, C10/11:2019, UTE C15-712-1:2013, VFR 2019, CEI 0-21:2019, 2016/631 EU - (NC RfG),
Inverter Isolation	High Frequency Isolated
Overvoltage Category	OVC III (AC Main), OVC II (PV)
Protective Class	Class I
Warranty	15 Years (20 years optional)