

# Microinverters

## EVT400

Connected to one single panel.



## EVT2000

Connected to four panels



## EVT600/800

Connected to two panels



-Type R



### 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

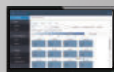
Long 25 years lifetime; optional up to 20 years warranty.



### MODULE-LEVEL

Module-level optimization & monitoring.

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



### Monitoring

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

# DATASHEET

Model	EVT400	EVT600	EVT800	EVT2000
<b>Input Data (DC)</b>				
Recommended Input Power Range(STC)	180W-550W+	(180W-550W+) *2	(180W-550W+) *2	(250W-650W+) *4
Max. DC Input (V)	60V	60V	60V	60V
Isc PV (Absolute Max.) (A)	25A	25A	25A	25A
Operating Range (V)	16V-60V	16V-60V	16V-60V	16V-60V
Max. Input Current (A)	14A	14A*2	14A*2	18A*4
MPPT Voltage Range (V)	22V-50V	22V-50V	22V-50V	22V-50V
<b>Output Data (AC)</b>				
Normal Voltage (Vac)	220V/230V	220V/230V	220V/230V	220V/230V
Voltage Range (Vac)	189-260V	189-260V	189-260V	189-260V
Current (Max.continuous) (A)	1.81A	2.72A	3.63A	9.09A
Frequency (Hz)	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Frequency Range (Hz)	47.5-52.5Hz/57.5-62.5Hz	47.5-52.5Hz/57.5-62.5Hz	47.5-52.5Hz/57.5-62.5Hz	47.5-52.5Hz/57.5-62.5Hz
Power (Max.continuous) (W)	400W	600W	800W	2000W
Power Factor/Rated (default)	+/-0.90	+/-0.90	+/-0.90	+/-0.90
Total Harmonic Distortion	<3%	<3%	<3%	<3%
Maximum Units Per Branch (12AWG Cable)	13 Units	8 Units	6 Units	2 Units
<b>Efficiency</b>				
Peak Efficiency	96.5%	96.8%	96.8%	96.5%
MPPT Efficiency	99.9%			
Nighttime Power Consumption	< 100mW			
<b>Features</b>				
Communication	PLCC (Power Line Carrier Communication) / WiFi			
Compliance	VDE-AR-N 4105, IEC/EN61000, IEC/EN62109-1/2, EN50549-1/2019, TOR 2019, C10/11:2019, CEI 0-21 UTE C15-712-1:2013, VFR 2019 ( See individual datasheet for specific product certifications )			
Warranty	15 years (20 years optional)			
<b>Others</b>				
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	2.1kg	4.1kg	4.1kg	7.1kg
Dimensions (W*H*D)	163.3mm*163.7mm*35.5mm	264 mm*194 mm*35.5 mm	264 mm*194 mm*35.5 mm	395mm*242.4mm*47mm