

## Three Phase On Grid/ Off Grid Solar Inverter



**3** **YEAR**  
WARRANTY

8KW

VT-6608303 SKU: 11375



Lead-acid/  
Lithium  
Battery



Battery Reverse  
Protection



IP65



Wide input  
voltage range



Natural Cooling,  
Low noise



Zero Export  
Function  
(integrated)



Charge/discharge  
Protection



Smart Energy  
Management

	MODEL	VT-6608303
Input (PV)	Max. PV Input Power	10.4kW
	Max. PV Input Voltage	1000V
	Max. Current per MPPT	12A
	MPP Voltage Range	180V ~ 850V
	Number of MPP Trackers / String per MPPT	2 / 1
Output (AC)	Max. Output Current	12.7A
	Rated Output Power	8.8kVA
	Rated Voltage	400V, 3W + N + PE
	Frequency	50Hz / 60Hz
	Power Factor	0.8 lagging-0.8 leading
	THDi	<3%
Output (EPS)	Max. Output Power	8.8kVA
	Rated Voltage	400Vac
	Rated Current	12.7A
	Overload Capacity	110%, 30S / 120%, 10S / 150%, 0.02S
	Rated Frequency	50Hz / 60Hz
	Automatic Swiech Time	<20ms
	THDu	<2%
Battery	Battery Voltage Range	125V ~ 600V
	Max. Charging Voltage	600V
	Full Battery Voltage	160V
	Max. Charge / Discharge Current	40A
	Battery Type	Lithium / Lead-acid
	Communication	RS485, CAN
Efficiency	Max. DC Efficiency	97.9%
	European Efficiency	97.2%
	MPPT Efficiency	99.5%
	Battery Charge / Discharge Efficiency	96.6%
Communication	Display	LCD
	Communication	Standard: RS485 / CAN / DRM Optional: WiFi / 4G
Standard Compliance	Certificates	CE, TÜV
General Data	Dimensions (W x H x D)	530 x 600 x 200 mm
	Weight	29kg
	Operation Temperature	-25° ~ +60°
	Cooling Method	Natural Cooling
	Protection Degree	IP65
	Noise Emission	<35dB
	Max. Operating Altitude	2000m
	Relative Humidity	0-95% (non-condensing)
	Topology	Transformerless
	Standby Power Consumption	<3W