

Single Phase On Grid/ Off Grid Solar Inverter



3 **YEAR**
WARRANTY

3.6KW
VT-66036103 SKU: 11374



Lead-acid/
Lithium
Battery



Battery Reverse
Protection



IP65



Smart Energy
Management



Zero Export
Function
(integrated)



Natural Cooling,
Low noise



Charge/discharge
Protection

	MODEL	VT-66036103
Input (PV)	Max. PV Input Power	4.6kW
	Max. PV Input Voltage	550V
	MPP Voltage Range	125V - 500V
	Max. PV Input Current	12A
	Number of MPP Trackers / String per MPPT	2 / 1
Output (AC)	Max. Output Current	16A
	Rated Power	3.6kVA
	Rated Voltage	230V, L + N + PE
	Operating Voltage Range	176V - 270V
	Frequency	50Hz / 60Hz
	Power Factor	0.8 lagging-0.8 leading
	THDi	<3%
Output (EPS)	Rated Power	3.6kVA
	Rated Voltage	230Vac
	Rated Current	16A
	Rated Frequency	50Hz / 60Hz
	Automatic Switch Time	<20ms
	Overload Capability	110%, 30s / 120%, 10s / 150%, 0.02s
	THDu	<2%
Battery	Battery Voltage Range	40V - 58V
	Max. Charging Voltage	58V
	Charge / Discharge Current	95A / 75A
	Battery Type	Lithium / Lead-acid
	Communication	RS485, CAN
Efficiency	Max. DC Efficiency	97.6%
	European Efficiency	97.0%
	MPPT Efficiency	99.9%
	Battery Charge / Discharge Efficiency	95.0v%
Communication	Display	LCD
	Communication	standard: RS485 / CAN / DRM optional: WIFI / 4G
Standard Compliance	Certificates	CE, TUV, SAA, NRS
General Data	Dimensions (W x H x D)	550 x 515 x 200 mm
	Weight	25kg
	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