

Single Phase On-Grid Inverter

VOL/MORE 10KW
Ultimate Technology Provider



Ongrid Single Phase
MPPT Inverter



IP66 Protection



Max. PV voltage: 600V



AC Grid Frequency:
50Hz / 60Hz



DC Switch, Anti-Islanding
& Over Current Protection



Type II & III DC / AC
SPD



High Efficiency: Up to
98.1%



Wi-fi / 4G Plug
Optional



LCD With Touch Pad



MODEL NAME	VMGI-10KW-SP
Max. DC power	15000W
Max. DC voltage	600Vd.c.
Normal DC voltage	360Vd.c.
Start Voltage	80Vd.c.
MPPT voltage range	60-550Vd.c.
Number of MPPT trackers	3
Strings per MPPT tracker	1
Max. input current per MPPT tracker	15Ad.c. *3
PV short circuit current	22.5Ad.c.*3
Normal AC output Power	10000W
Max. AC output Power	10000W
Max. Apparent Power	10000VA
Normal AC voltage	220/230Va.c.
Normal AC grid frequency	50/60Hz
Max. output current	45.5Aa.c.
Inrush current	< 45.5Aa.c.
Max. output fault current	102Ad.c.
Max. inverter backfeed current to the array	0Ad.c.
Max. output overcurrent protection	75Ad.c.
Output Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)
THDI	<3%
Topology	Transformer less
Max. efficiency	98.1%
Euro-eta	97.5%
Dimensions (W / L / D)	380*483*161mm
Weight(KG)	15
Operating temperature range	-25°C~+60°C
Relative humidity	0-100%
Operating Altitude	≤4000m
Noise (typical)	≤ 35dB
Cooling concept	Natural
Protection rating	IP66
Protection class	I
Overvoltage category (PV/AC)	II/III
Pollution degree	2
User Interface	LED & LCD
Communication	RS485/WIFI/GPRS