

Three Phase On-Grid Inverter

VOL/MORE 125KW
Ultimate Technology Provider



On-Grid Three phase
MPPT Inverter



IP66 Protection



Max. PV Voltage: 1100V



AC Grid Frequency:
50Hz / 60Hz



DC Switch, Anti-Islanding
& Over Current Protection



Type II DC SPD /
Type II AC SPD



High Efficiency: Up to
98.7%



Wi-Fi / 4G Plug Optional
Reactive Power Control



LCD With Touch Pad



MODEL NAME		VMGI-125KW
INPUT (DC)		
Max. DC voltage		1100V
Max. input current per MPPT		40A
Max. short-circuit current per MPPT		60A
Start voltage		350V
MPPT voltage range		200 ~ 1000V
Nominal voltage		650V
Number of MPPT		8
Strings per MPPT		2
OUTPUT (AC)		
Nominal AC output power		125KW
Max. AC apparent power		125KVA
Nominal AC voltage		230V/400V, 3W+ PE, 3W+ N+PE
AC grid frequency range		50Hz / 60Hz (±5Hz)
Max. output current		181.2A
Power factor		0.8 leading - 0.8 lagging
THDI		< 3% (nominal power)
EFFICIENCY		
Max. efficiency		98.7%
Euro efficiency		98.5%
PROTECTION DEVICES		
DC switch		Yes
Anti-islanding protection		Yes
Output over current protection		Yes
DC reverse polarity protection		Yes
String fault detection		Optional
DC/AC surge protection		DC type II; AC type II
AC short circuit protection		Yes
AFCI function		Optional
Night SVG function		Optional
PID recovery		Optional
Insulation detection		Yes
Residual current monitoring		Yes
GENERAL SPECIFICATION		
Dimensions, W*H*D (mm)		965*700*355
Weight (Kgs)		85
Operating temperature range		-30 ~ 60°C
Cooling type		Fan Cooling
Max. operation altitude		5,000 m (> 4,000m derating)
Max. operating humidity		0-100%
Ipclass		IP66
Noise (dB)		75dB
Topology		Transformer-less
Communication		RS485/PLC/Wi-fi/4G
Display		LED , Bluetooth + APP