



## GLORY RM5 1600A/12v

Off-Grid Inverter

Parameters		
Capacity		1600VA
Operating DC Voltage		12V
Switching Element		Mosfet
Charger Topology		Boost Mosfet
Parameters (Grid)		Default Value
Nominal Grid Voltage		230V/ 50Hz
Battery Low Buzzer		10.8V
Battery Low Cut		10.6V
Battery High Cut		14.4V
Maximum Grid Charging Current		30A
Discharging Current		105A
Grid Low Cut Voltage	UPS MODE ENABLE	180V±10V / 100V±10V
Grid Low Cut Recovery	UPS MODE ENABLE	190V±10V / 110V±10V
Grid High Cut Voltage	UPS MODE ENABLE	270V±10V / 290V±10V
Grid High Cut Recovery	UPS MODE ENABLE	260V±10V / 280V±10V
Changeover (Batt. to Mains)	UPS MODE ENABLE	<5ms
Changeover (Mains to Batt.)	UPS MODE ENABLE	<5ms/<12ms
Parameters (Inverter)		
Output Phase		1 Phase
Nominal Output Voltage		220V±8%
Max. Output Current		4.5A
Nominal Frequency		50Hz±1%
Output Waveform		Sinewave (Pure)
Typical Efficiency		≥77%
Voltage Harmonic		<3% (Linear Load)
Over Load Capacity		>110% 3Time Auto Reset, 4th Time Shut Down
		>150% 1st Time Shut Down
		>200% Shortcircuit Protection
Protection		Overload, Battery Low, Battery High, Output Short Ckt., Output not OK, Over temperature, Fuse/ MCB trip.
LED Indication		Sys ON, UPS/INV Mode, Mains ON, Charging, overload SKT
Switches		Reset for System ON/OFF, UPS mode, HC/NC
Display		Battery Voltage, Charging Current, Grid Voltage, Output Voltage, Load%, Battery LOW, OverTemp.
Parameters (Environment)		
Operating Temperature		0-50°C
Cooling		Fan
Max. Relative Humidity @25°C (non Condensing)		95%
Noise @ 1meter		50dB
Standard Compliance		IP20
Weight (Kg)		17.2
Dimension (with Packing) L x W x H (cm)		42 x 39 x 24.5