



TECHNOPOWER

TECHNOPOWER SYSTEMS LIMITED



GLORY RM5 4200A/48v

Parameters		
Capacity		4200VA
Operating DC Voltage		48V
Switching Element		Mosfet
Charger Topology		Boost Mosfet
Parameters (Grid)		Variable Range
Nominal Grid Voltage		230V/ 50Hz
Battery Low Buzzer		Battery Low Cut +0.2V
Battery Low Cut		10.4V-11.5V
Battery High Cut		13.7V-15.5V
Maximum Grid Charging Current		20A
Discharging Current		75A
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		13.0A
Nominal Frequency		50Hz±1%
Output Waveform		Sinewave (Pure)
Typical Efficiency		≥85%
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		System ON, UPS/INV Mode, Solar select, SMF/TUB
Switches		Reset for System ON/OFF, UP, Down, Back, Enter(For LCD parameters)
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)		32.5
Dimension (with Packing) L x W x H(cm)		43 x 39 x 51

Off-Grid Inverter