

MODEL		G-EM6200T-48L
PHASE		1-Phase In /1-Phase Out
Maximum PV Input Power		6500W
Maximum Main Output Power		6200VA/6200W
Maximum Second Output Power		6200VA/6200W
Maximum Total Output Power		6200VA/6200W
Parallel Capability		NO
Lithium Battery activation		YES
AC INPUT		
Nominal Voltage		230VAC
Acceptable Voltage Range		170-280VAC(For personal Computer);90-280VAC(For Home Appliances)
Frequency		50/60 Hz (Auto sensing)
AC OUTPUT		
Nominal Voltage		220/230VAC±5%
Surge Power		12400VA
Frequency		50/60 Hz
Waveform		Pure Sine wave
Dual Outputs		Yes
Transfer Time		10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency		94%
Overload Protection		5s@ > =140% load; 10s@100%~140% load
Admissible Power Factor		0.6~1 (inductive or capacitive)
BATTERY		
Battery Voltage		48VDC
Floating Charge Voltage		54VDC
OverCharge Protection		63VDC
Charging Method		CC/CV
Solar Charger & AC Charger		
Solar Charger TYPE		MPPT
Max.PV Array Power		6500W
Max. PV Array Open Circuit Voltage		500VDC
PV Array MPPT Voltage Range		60VDC~500VDC
Max. Solar Input Current		1 / 27A
Max. Solar Charge Current		120A
Max. AC Charge Current		80A
Max. Charge Current		120A
PHYSICAL		
Dimensions, D x W x H(mm)		438x312x122
Package Dimensions, D x W x H(mm)		540x390x210
Net Weight (Kgs)		11
Communication Interface		RS485(RJ45)/RS232(DB9)
ENVIRONMENT		
Operating Temperature Range		-10°C to 50°C
Storage temperature		-15°C~ 60°C
Humidity		5% to 95% Relative Humidity (Non-condensing)