

MODEL	G-LVM3000-48PL
CAPACITY	3KVA/3KW
Parallel Capability	YES,12 Units
Split phase operation	YES, need at least 2 units parallel
INPUT	
Nominal Voltage	110/120VAC
Acceptable Voltage Range	95-140VAC(For personal Computer);65-140VAC(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	110/120VAC±5%
Surge Power	6000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	97%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=150% load; 10s@110%~150% load
Crest Factor	2:1
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	
Max.PV Array Power	5000W
Solar Charger TYPE	MPPT
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~450VDC
Max.Solar Input Current	18A
Max.Solar Charge Current	80A
Max.AC Charge Current	60A
Max.Charge Current	80A
PHYSICAL	
Dimensions,D x W x H(mm)	448x315x122

Package Dimensions,D x W x H(mm)	540x390x217
Net Weight(Kg)	10
Communication Interface	RS485/RS232/Dry-contact
ENVIRONMENT	
Operating Temperature Range	-10°C to 50°C
Storage temperature	-15°C ~ 50°C
Humidity	5% to 95% Relative Humidity(Non-condensing)