



SPECIFICATION

MODEL	NEON PV7200
PHASE	1-Phase In /1-Phase Out
Maximum PV Input Power	7200W
Maximum AC Output Power	6200W
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@110%-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	7200W
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)	9.3
Communication Interface	RS48S(RJ45)/RS232(DB9)
LCD	Colorful Screen+RGB Light
ENVIRONMENT	
Operating Temperature Range	-10°C to 55°C
Storage temperature	-15°C- 60°C
Humidity	5% to 95% Relative Humidity (Non-condensing)