

Smart Inverter VC series

Features:

Pure sine wave output
 Optional MPPT/PWM solar charge controller 60A
 MPPT Efficiency max 98%
 DC Start & Automatic Self-Diagnostic Function
 High Efficiency Design & "Power Saving Mode" to Conserve Energy
 Auto restart when Ac is recovering
 Smart battery charger design for optimized battery performance
 Selectable charging current based on applications
 AC input/DC input/Solar input optional priority
 Auto Restart Voltage

Capacity(VA)	VC6300VA	VC10000VA
Rated Power	5000W	8000W
Voltage(DC)	48V	
Nominal Voltage	220VAC	
Voltage Range	154-265VAC ;185-264VAC (selectable)	
Frequency	50-60HZ Auto sensing	
Power Factor	0.8	
Voltage	220VAC	
Frequency	50/60HZ	
Waveform	Pure Sine Wave	
Transfer Time (AC to DC)	<8ms	
Transfer Time (DC to AC)	<8ms	
Output Voltage Regulation	±10%	
Bypass Mode	Yes	
Saver Mode	Yes	
Efficiency	>98%	
Input Protection	Circuit Breaker	
Output Protection	Circuit Breaker	
Battery Type	VRLA / GEL /GEL DEEP CYCLE	
Charging Current	35A	55A
Low Level disconnect (Selectable)	40V -42V	
PWM controller Voltage range	60VDC-150VDC	
PWM Maximum PV display open circuit	75V	
Maximum PV array	3400W	
MPPT control voltage range	60V-150V	
MPPT Maximum PV display open circuit voltage	150VDC	
Maximum solar charge current	60A	
LCD indicator status	AC input voltage/input frequency, PV voltage, PV current , Output	
LED indicator status	AC Line In:Green/Inverter:Red/Charging :Yellow/Alarm :Red	
LOW battery alarm	Audible alarm-5 seconds beeping	
Overload alarm	Audible alarm- continuous beeping	
Fault	Audible alarm- continuous beeping	
Temperature	0-60℃	
Humidity	—10℃~90℃ Non condensing	
Accoustic Noise(db)	>55dB	
Size L*W*H(mm)	720mm*335mm*210mm	
Weight (kg)	25	33