

Smart Inverter VE 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 in recovering
 Smart battery charger design for optimized battery performance
 Selectable charging current based on applications
 AC input/DC input/Solar input optional priority



Produced by JB International CALIFORNIA USA
 Email: jbinternational@jbtrading.com.cn
 Website: www.jbtrading.com.cn

Auto Restart Voltage

Model	VE1312	VE3824	VE3848
Capacity(VA)	1300VA	3800VA	3800VA
Input Voltage(DC)	12V	24V	48V
Nominal Voltage	220VAC		
Voltage Range	154-265VAC (AC Model);185-264VAC±3V(UPS Model)		
Frequency	50-60HZ Auto sensing		
Power Factor	0.8		
Rated Power	1000W	3000W	3000W
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	AGM-Deep Cycle ,Gel/Up to 500Ah		
Charging Current	25A	35A	18A
Low Level disconnect (Selectable)	10V or 10.5V	20V -22V/40V-44V	
PWM(Optional) controller Voltage	15VDC-30VDC	30VDC-60VDC	
MPPT(Optional) controller Voltage	15VDC-150VDC		
Maximum PV array power	12V: MPPT 150VDC / PWM 30VDC 24V: MPPT 150VDC / PWM 60VDC 48V: MPPT 150VDC / PWM 105VDC		
Maximum PV array open circuit voltage	PWM:30VDC, MPPT:150VDC		
Maximum solar charge current	60A		
Protections	Over load, over temp, over charging, battery low, battery reverse connect, high AC voltage etc.		
LCD indicator status	AC input voltage, AC input frequency, PV voltage, PV current , Output Voltage, Output Frequency, Battery voltage, Load current etc.		
LED indicator status	AC Line In:Green/Inverter:Green/Charging :Yellow/Alarm :Red		
LOW battery alarm	Audible alarm-5 seconds beeping		
Overload alarm	Audible alarm- continuous beeping		
Fault	Audible alarm- continuous beeping		
Temperature	0-40℃		
Humidity	—10℃~90℃ Non condensing		
Accoustic Noise(db)	>55dB		
Size L*W*H(mm)	470*335*210MM		
Weight (kg)	13.5	21	22