



Features:

- Pure sine wave output
- Powerful Charge Rate Up to 140AMP
- Optional MPPT/PWM solar charge controller 30A–120A
- MPPT Efficiency max 98%
- Automatically send signal to start generator
- 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
- AC Start-up Voltage/Auto Restart Voltage
- Maximum AC Input Current

Smart Inverter VE Specifications

Model	V0512	V0812	V1012	V1512	V2024	V3024	V5024	V7548	V8048	V10048	
Capacity(VA)	500VA	800VA	1000VA	1500VA	2000VA	3000VA	5000VA	7500VA	8000VA	10000VA	
Input Voltage(DC)	12V	12V	12V	12V	24V	24V	24V	48V	48V	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	300w	500w	800w	1200w	1400w	2450w	3500w	6000w	6400w	8000w	
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	10A	15A	25A	30A	28A	40A	65A	45A	50A	65A	
Low Level disconnect (Selectable)	10V or 10.5V				20V or 21V			40V or 42V			
PWM(Optional) controller Voltage	15VDC–30VDC				30VDC–60VDC			60VDC–105VDC			
MPPT(Optional) controller Voltage	15VDC–150VDC				30VDC–150VDC			60VDC–150VDC			
Maximum PV array power	400W		800W		1600W			3200W			
Maximum PV array open circuit voltage	PWM:30VDC, MPPT:150VDC				PWM:60VDC, MPPT:150VDC			PWM:105VDC, 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°C										
Humidity	–10°C~90°C Non condensing										
Accoustic Noise(db)	>55dB										
Size l*w*h(mm)	378*317*200MM			470*335*210MM				720*335*210MM			
Weight (kg)	7	8.3	13	14.5	17	19.5	25.3	35.7	38	42.7	

Note:It is to be noted that all these parameters are subject to change without notice.