

VS Pro+ SERIES

PARAMETES



ENERGY STORAGE INVERTER VS Pro+ 6300VA~12500VA



FEATURES

- Parallel Function Up to Maximum 9 units
- Self design PCB board and cooling system
- MPPT Efficiency max 98%
- Optional MPPT solar charge controller 120A
- High Efficiency Design & "Power Saving Mode" to Conserve Energy
- Auto Restart when Ac in recovering
- Built in Transformer, overload and Ultra-high voltage protection
- Selectable charging current based on applications
- Smart battery charger design for optimized battery performance
- BMS function for lithium battery

APPLICATION



Fisheries



Farming



Animal husbandry



Commercial buildings

Model	Vs6348 AM6B (support parallel)	VS12548 AM8B(support parallel)
System Voltage	6300VA	12500VA
Nominal Voltage	230vac	
Input voltage range	90-275vac±3v ;170-275vac±3v(Selectable)	
Input frequency	50/60hz±5% Auto Sensing	
Rated power	5000W	10000W
Battery Voltage(DC)	48v	
Output frequency	50hz/60hz±1%	
Waveform	Pure Sine Wave	
Transfer Time	≤10ms (UPS Mode) / ≤20ms (APL Mode)	
Load peak ratio	(max)3:1	
Bypass Mode	Yes	
Saver Mode	Yes	
Battery Type	VRLA / GEL / GEL DEEP CYCLE / LITHIUM	
Input Protection	Input Over Current Protection With Fuse	
Output Protection	Overload, Short Circuit, High & Low Voltage, Battery Reverse Protections	
AC Charging Current	50A	100A
Maximum PV array power	48v.mppt 150vdc (Customized 200vdc)	
Maximum solar charge current	60A	100A
Maximum solar PV Watt	3200W	5400W
LCD indicator	AC input voltage/input frequency, PV voltage,/PV current /Output Voltage Frequency/Battery voltage/Load current etc.	
Low battery alarm	Audible alarm-5 seconds beeping	
Overload alarm	Audible alarm-continuous beeping	
Fault	Audible alarm-continuous beeping	
Storage temperature	-10°C~50°C	
Operating temperature	-15°C~45°C	
Relative temperature	20°C~90°C no condensation	
Noise(db)	<45dB	