

ENERGY STORAGE INVERTER

VS Pro SERIES



ENERGY STORAGE INVERTER VS Pro 1500VA~12500VA



FEATURES

- Pure sine wave output
- Can support WIFI / GPRS
- MPPT Efficiency max 98%
- Optional built-in MPPT/PWM30-60A controller
- DC Start & Automatic Self-Diagnostic Function
- Automatically send signal to start generator
- High efficiency design for optimized battery performance
- Selectable charging current based on applications
- lead acid battery/Lithium battery
- BMS function for lithium battery
- AC start-up voltage auto restart voltage/ 110V/120V Output Available

APPLICATION



Shipping/fishing



Construction/housing



Base station/cell tower



Agriculture/animal husbandry

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PARAMETERS

Model	VS1512AM	VS2024AM	VS3024/48AM6	VS5024/48AM6	VS6348AM8	VS8048AM8	VS10048AM8	VS12548AM8
AC Input voltage	220VAC(standard)							
Input voltage range	154-264VAC±3V(Nor Mode)185-264VAC±3V(UPS mode) 175-285VAC±3V(AVR Type)							
Input frequency	50/60Hz±5%							
Out put power	1500VA 1200W	2000VA 1600W	3000VA 2400W	5000VA 4000W	6300VA 5000W	8000VA 6400W	10000VA 8000W	12500VA 10000W
AC model output Voltage	The output voltage under the mains is the same as the input voltage(with AVR function 220V±10%)							
Battery model output frequency	The output frequency under the mains is the same as the input frequency							
Battery model output voltage	220VAC±10%							
Battery model output frequency	50HZ or 60HZ±1%							
Battery model output wave	Pure sine wave							
Battery type	External lead-acid battery,Gel battery, water battery or Lithium battery							
Battery voltage	12VDC/24VDC/48VDC				48VDC			
Battery charging voltage	13.7VDC/27.4VDC/54.8VDC				54.8VDC			
Maximum PV array power	12V: 800W 24V:1600W 48V:3200W				6400W			
Solar input voltage range	12V: MPPT 15V-50VDC 24V: MPPT 30V-150VDC 48V: MPPT 60V-150VDC				48V: MPPT 60V-150VDC			
Maximum PV Display Open Circuit Voltage	50VDC	150VDC			150VDC			
Maximum solar charging current	60A	60A			120A			
Maximum AC Charge Current	40A	33A	50A/25A	80A/40A	50A	65A	80A	100A
Transfer time	≤10ms(UPS Mode) / ≤20ms(INV Mode)							
load peak ratio	(MAX)3:1							
Protective function	Under the mains: input over current fuse Under inverter: overload protection, short circuit protection, low voltage protection. (with battery anti-reverse connection board)							
Status Display	You can view parameters such as AC voltage, AC frequency, PV voltage, PV current, output voltage, output frequency, battery voltage, load current and other parameters by turning the page keys.							
Voice prompt	Low battery protection buzzer long beep Low battery buzzer beeps every second Machine fault buzzer beeps Overload buzzer beeps When the overload is less than 130%, the buzzer will sound every second, and the output will be turned off after 30S. When the overload is greater than 150%,the output will be turned off after 300mS.							
Operating temperature	-10°C~50°C							
Storage temperature	-15°C~45°C							
Relative temperature	-10°C~90°C no condensation							
Noise	<45dB							