



Dati tecnici Inverter Ibrido Alta Tensione - ADVANCE HF4850

AC mode

Rated input voltage	220/230Vac
Input voltage range	(170Vac~280Vac) $\pm 2\%$; (90Vac-280Vac) $\pm 2\%$
Frequency	50Hz/ 60Hz (auto-sensing)
Frequency Range	47 \pm 0.3Hz ~ 55 \pm 0.3Hz (50Hz)/57 \pm 0.3Hz ~ 65 \pm 0.3Hz (60Hz);
Overload/short circuit protection	Breaker
Efficiency	>95%
Conversion time (bypass and inverter)	10ms (Typical value)
AC reverse protection	yes
Maximum bypass overload current	40A

Inverting mode

Output voltage waveform	Pure sine wave
Rated output power(VA)	5000
Rated output power(W)	5000
Power factor	1
Rated output voltage (Vac)	230Vac
Output voltage error	$\pm 5\%$
Output frequency range (Hz)	50Hz \pm 0.3Hz/60Hz \pm 0.3Hz
Efficiency	>90%
Overload protection	(102%<load=<span=" style="border-box;"></load
	(125%<load=<span=" style="border-box;"></load
	Load>150% $\pm 10\%$: reporting error and turn off the output after 5 seconds;
Peak power	10000VA
Loaded motor capacity	4HP
Output short-circuit protection	Breaker
Specification of bypass breaker	40A
Rated battery input voltage	48V (minimum start voltage 44V)
Battery voltage range	40.0Vdc~60Vdc \pm 0.6Vdc (undervoltage alarm/turnoff voltage/overvoltage alarm/overvoltage restoration...settable LCD screen)
Power saving mode	Load \leq 25W

AC charge

Battery type	Lead acid or lithium battery
Maximum charge current	60A
Charge current error	± 5 A _{dc}
Charge voltage range	40~60Vdc
Short-circuit protection	Circuit breaker and blown fuse
Breaker specification	40A
Overcharge protection	Alarm and turn off charging after 1 minute

Solar charge

Maximum PV opencircuit voltage	500Vdc
PV operation voltage range	120-500Vdc
MPPT voltage range	120-450Vdc
Battery voltage range	40-60Vdc
Maximum output power	5000W
Charge current range of solar energy (settable)	
Charge short-circuit protection	Blown fuse
Wiring protection	Reverse polarity protection

Authentication specification

Specification authentication	CE(IEC/EN62109-1,-2)、ROHS2.0
EMC authentication grade	EN61000
Operation temperature range	-15°C to 55°C
Storage temperature range	-25°C ~ 60°C
Humidity range	5% to 95% (Conformal coating protection)
Noise	≤60dB
Thermal dissipation	Forced air cooling, variable speed of fan
Communication interface	USB/RS485(Bluetooth/WiFi/GPRS)/Dry node control
Dimension (L*W*D)	426mm*322mm*126mm
Weight (kg)	11

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