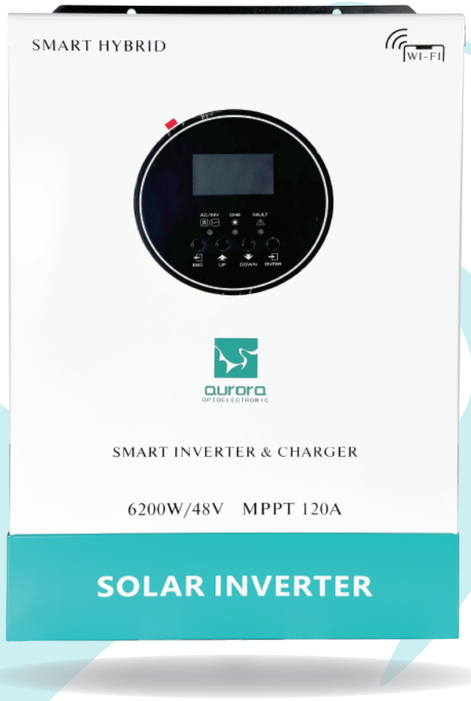
High Frequency Inverter
YF-FS-HP 6248

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OPTOELECTRONIC



Features

- Pure Sine Wave Output
- BMS Function For Lithium Battery
- External WIFI, Supervise At Any Time
- Intelligent Power Supply Mode
- MAX. Support 9 Units In Parallel
- Support Working Without Battery In Stand-alone Mode

Datasheet

Model	YF-FS-HP 6248
Input	
Input Formation	L+N+PE
AC Input	220/230/240VAC
Input Voltage Range	90-280VAC±3V(Normal Mode)/170-280VAC±3V(UPS Mode)
Frequency	50/60Hz±5%
Output	
Rated Power	6200W
Output Voltage	220/230/240VAC
Output Frequency	50/60Hz±0.1%
Output Wave	Pure Sine Wave
Transfer Time	≤10ms(UPS Mode)/≤20ms(INV Mode)
Peak Power	12400VA
Overload Ability	Battery Mode: 11s@105%-150% Load 2s@150%-200% Load 400ms@105%-150% Load
Grid-connected Operation	
Output Voltage	220/230/240VAC
Grid Voltage Range	170-265VAC
Grid Frequency Range	49-51±1Hz/59-61±1Hz
Output Current	26.9A
Power Factor Range	>0.99
Conversion Efficiency(DC/AC)	98%
Battery	
Rated Voltage	48VDC
Constant Charging Voltage(Adjustable)	56.4VDC
Float Charging Voltage(Adjustable)	54VDC
Charger	
PV Charging Method	MPPT
Max. PV Input Power	8500W
MPPT Tracking Range	60-500VDC
Optimal VMP Working Range	360-430VDC
Max. PV Input Voltage	500VDC
Max. PV Input Current	27A
Max. PV Charging Current	120A
Max. AC Charging Current	100A
Max. Charging Current	120A
Display	
LCD Interface	Can display operating mode/load/input/output
Interface	
RS232	Baud Rate 2400
Expansion Slot Communication Interface	Lithium Battery BMS Communication Card, WiFI /Pitch2.54mm
Parallel interface	MAX. Support 9 Units In Parallel
Ambient Parameters	
Operating Temperature	-10°C~50°C
Operating Environment Humidity	-15°C~60°C
Storage Temperature	20%~90%(No condensation)
Noise	≤50dB

***Test conditions: 0.5C charge/discharge, @25°C, 80% DOD; product specifications are subject to change without prior notice.**

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