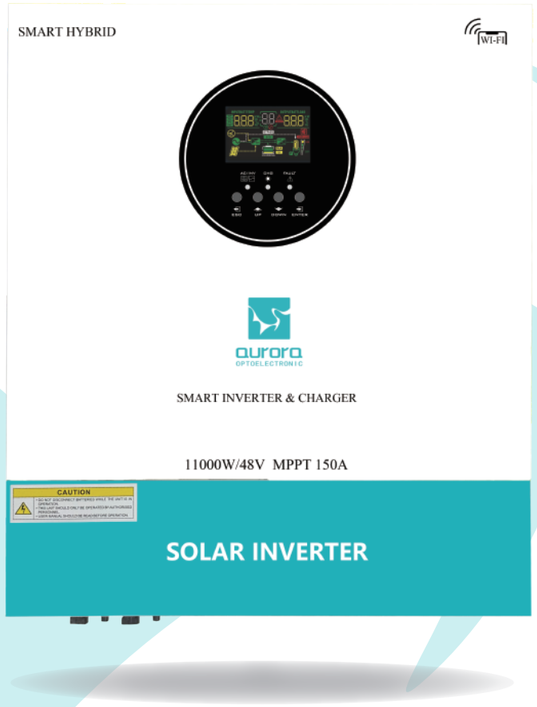
High Frequency Inverter
YF-FS-HP 11048



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 11048
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	11000W
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	22000VA
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	47.8A
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	Dual MPPT
Max. PV Input Power	2*7500W
MPPT Tracking Range	90-500VDC
Optimal VMP Working Range	360-430VDC
Max. PV Input Voltage	500VDC
Max. PV Input Current	27A/27A
Max. PV Charging Current	150A
Max. AC Charging Current	150A
Max. Charging Current	150A
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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