



nic SERIES

|FEATURES:



FULL TOUCH SCREEN



BUILT-IN WIFI



DUAL MPPT



ANTI-DUST KIT



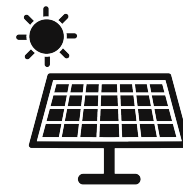
DUAL OUTPUT



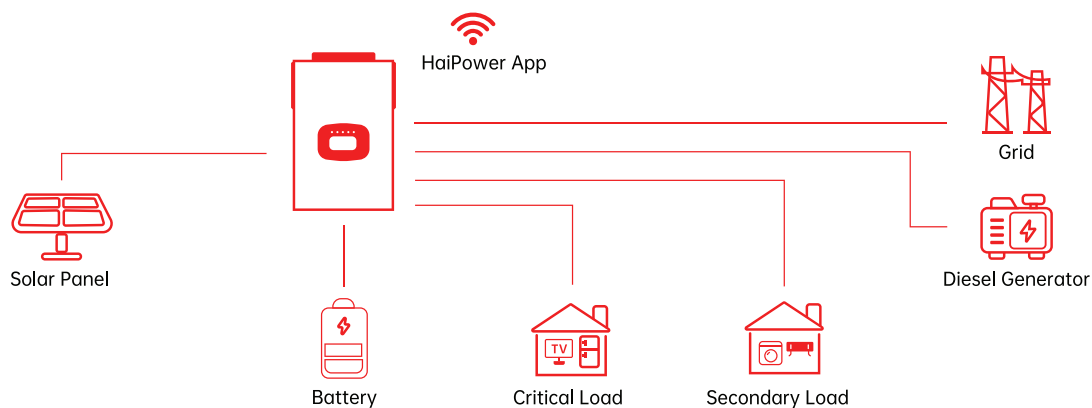
BMS CAPABILITY



WORK WITHOUT BATTERY



PV-5500



SCAN ME



fixonsolarenergy



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4000W-PV5500

SPECIFICATION

MODEL: FXN-4KW-ON4		Nominal AC Voltage	230V
Max. PV Input Power	5500W	Nominal Grid Frequency	50 / 60Hz (Auto Sensing)
Max. Input Voltage	500V	Voltage Waveform	Pure Sine Wave
Start-up Voltage	120V	Transfer Time	10ms
MPPT Voltage Range	90V~450V	Max. Output Current	18A
Max. Input Current per MPPT	18A	Overload Protection	30s@102%-110% load; 10s@110%-130% load; 5s@130%-200% load
Max. Short Circuit Current per MPPT	23A	THDv (@linear load)	<3%
Number of MPPT	1	Efficiency	
AC Input Data (Grid & Generator)		Peak Efficiency	94%
Nominal Input Voltage	230Vac, L / N / PE	MPPT Efficiency	>99.9%
Input Voltage Range	90~280Vac (APL); 170~265Vac (UPS)	Protect	
Max. Input Current	35A	DC Surge Protection	Yes
Nominal Input Power	8050W	AC Surge Protection	Yes
AC Frequency Range	40~65Hz	AC Short Circuit Protection	Yes
Battery Data		System Parameters	
Battery Type	Li-Ion / Lead-acid	Dimension (W*H*D)	333*505*120mm
Nominal Battery Voltage	24V	Weight	10.6kg
Battery Voltage Range	20~30V	Relative Humidity	5%~95% (Non-condensing)
Max. Discharge Current	137A	Operating Temperature Range	-10°C~50°C
Max. Charge / Discharge Power	3300W	Noise Emission	≤50dB
Li-Ion Battery Activation	Yes	Altitude	4000m
Li-Ion Battery Communication	CAN / RS485	Cooling Method	Fan Cooling
Max. Solar Charge Current	120A	Ingress Protection	IP21
Max. AC Charge Current	100A	Characteristic	
Max. Charge Current (PV+AC)	120A	Number of AC Output	2
Inverter Output Data		Display	LCD & LED & APP
Nominal Output Power	4000W	Communication Interface	RS485 / USB / CAN / Wi-Fi
Peak Apparent AC Power	8000VA	Parallel Capability	—

