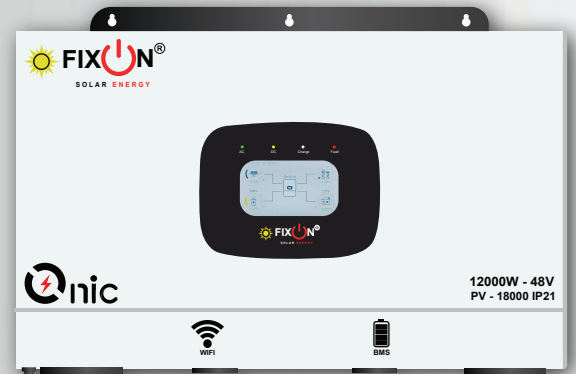
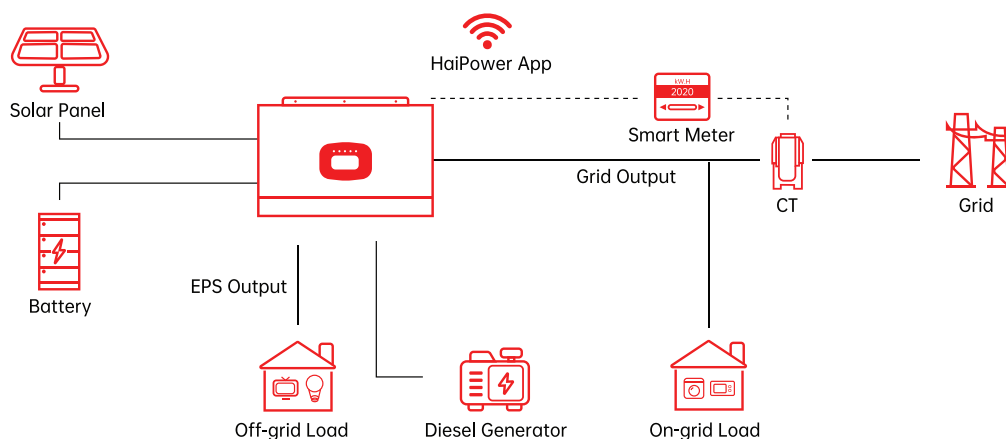




Onic SERIES

|FEATURES:

-  FULL TOUCH SCREEN
-  BUILT-IN WIFI
-  DUAL MPPT
-  ANTI-DUST KIT
-  DUAL OUTPUT
-  BMS CAPABILITY
-  WORK WITHOUT BATTERY



SCAN ME



fixonsolarenergy



Info@fixonsolarenergy.com



Onic SERIES

12000W-PV18000

SPECIFICATION

Model: FXN-12KW-ON12		Nominal AC Voltage	230Vac
Recommended Max. PV Array Size	24000W	Nominal Grid Frequency	50 / 60Hz
Max. PV Input Power	18000W	Voltage Waveform	Pure Sine wave
Max. Input Voltage	500V	Transfer Time	4ms
Start-up Voltage	90V	Max. Output Current	52.2A
MPPT Voltage Range	90~450V	THDv (@linear load)	<5%
Max. Input Current per MPPT	30+30A	Overload Protection	30s@102%-110% load; 10s@110%-130% load; 5s@130%-200% load
Max. Short Circuit Current per MPPT	44+44A		
Number of MPPT	2		
Number of Strings per MPPT	2	Efficiency	
		Peak Efficiency	94%
		MPPT Efficiency	≥ 99.9%
Battery Data		Protection	
Battery Type	Li-Ion / Lead-acid		
Nominal Battery Voltage	48V	PV Reverse Polarity Protection	yes
Battery Voltage Range	40~60V	AC Short-circuit Current Protection	yes
Max. Discharge Current	280A	Grid Monitoring	yes
Max. Charge / Discharge Power	12000W	Over-current Protection	yes
Li-Ion Battery Activation	Yes	AC Surge Protection	yes
Li-Ion Battery Communication	CAN / RS485	DC Surge Protection	yes
Max. Solar Charge Current	250A	System Parameters	
Max. AC Charge Current	210A	Dimension (W*H*D)	625*400*120mm
Max. Charge Current (PV+AC)	250A	Weight	17.9kg
AC Input Data (Grid / GEN)		Relative Humidity	5%~95% (Non-condensing)
Nominal Input Voltage	230Vac, L / N / PE	Operating Temperature Range	-10℃~60℃
Input Voltage Range	90-280(APL) / 170-265(UPS)	Noise Emission	≤ 50dB
Max. AC Current From Utility Grid	70A	Altitude	2000m
Max. Apparent Power from Utility Grid	12000VA	Cooling Method	Fan Cooling
Max AC Current From Generator	60A	Ingress Protection	IP21
Max. Apparent Power From Generator	12000VA	Characteristic	
AC Frequency Range	50 / 60Hz (Auto sensing)	Number of AC Output	2
Inverter Output Data		Display	LCD & APP
Nominal Output Power	12000W	Communication Interface	RS485 / USB / CAN / Wi-Fi (built-in) / Dry-Contact
Peak Apparent AC Power	24000VA	Parallel Capability	9

