

FSOLAR ATLANTIC F12

Hybrid Solar Inverter

ATLANTIC
SERIES

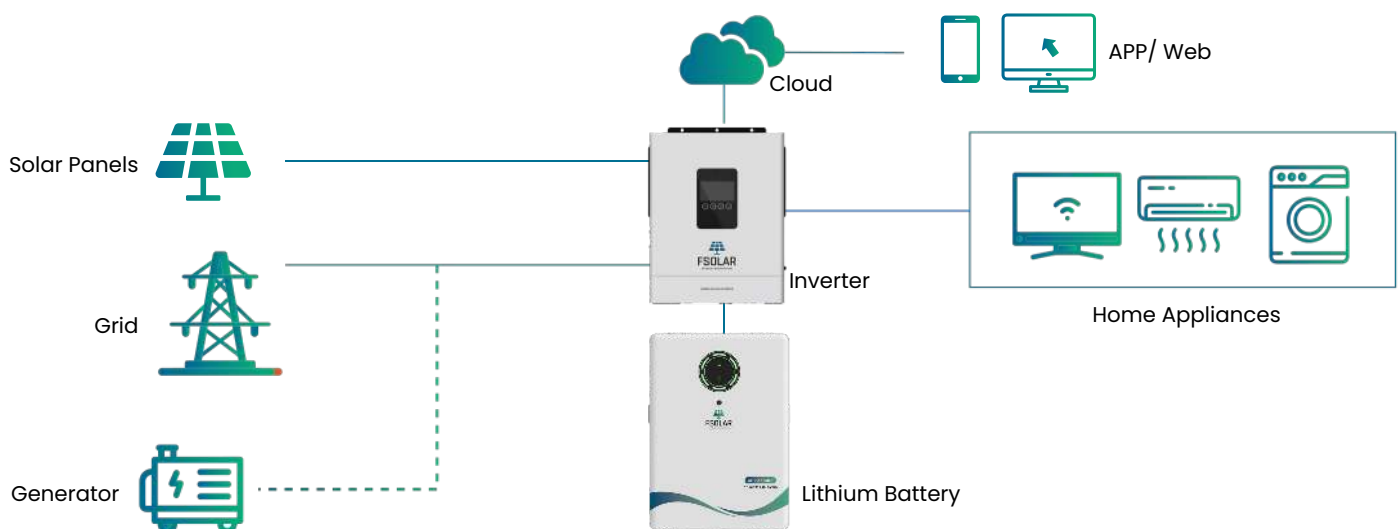


BEYOND
IMAGINATION

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FSOLAR ATLANTIC F12

Hybrid Solar Inverter



Model

FSOLAR ATLANTIC F12

MODEL	FSOLAR ATLANTIC F12
Rated Input Voltage (VAC)	220 / 230 / 240; L+N+PE
Voltage Range (VAC)	90~280 (APP/GEN MODE); 170~264 (UPS MODE)
Frequency (Hz)	50 / 60 (Auto Adaptive)
Rated Capacity (KVA)	12
Surge Power (KVA)	24
Voltage (VAC)	220/230/240
Power Factor (PF)	1
Switch Time (ms)	10(APP/UPS Mode), 20(GEN Mode)
Wave Form	Pure Sine Wave
Overload Capacity (PV+BATTERY Mode/ PV Mode)	1min@102%~125% Load 10s@125%~200% Load
Max.Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
Solar Charger Type	Dual MPPTs
Max. PV Input Current / Input Power	1 MPPT : 27A(9KW) 2 MPPT's : 27A + 27A(15KW)
MPPT Range@Operating Voltage (VDC)	60 - 450
Max. PV Open Circuit Voltage (VDC)	500
Max. PV Charge Current (A)	160
Max. AC Charge Current (A)	160
Max. Charge Current (PV + AC) (A)	160
Rated Voltage (VDC)	48
Max. Discharging Current (A)	220
Battery	Lithium / Lead-Acid
Display	LCD
Interface	RS232 / RS485 / CAN
Monitoring	WiFi (Built-In)
Ingress Protection	IP21
Operating Temperature (°C)	-10 ~ 60
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature (°C)	-15 ~ 60
Net Weight (KG)	15.2
Dimensions (H*W*D) (mm)	540*425*140
Max. Operating Altitude (m)	4000 (Derating above 2000)