

FSOLAR ATLANTIC F4 | F6






Hybrid Solar Inverter

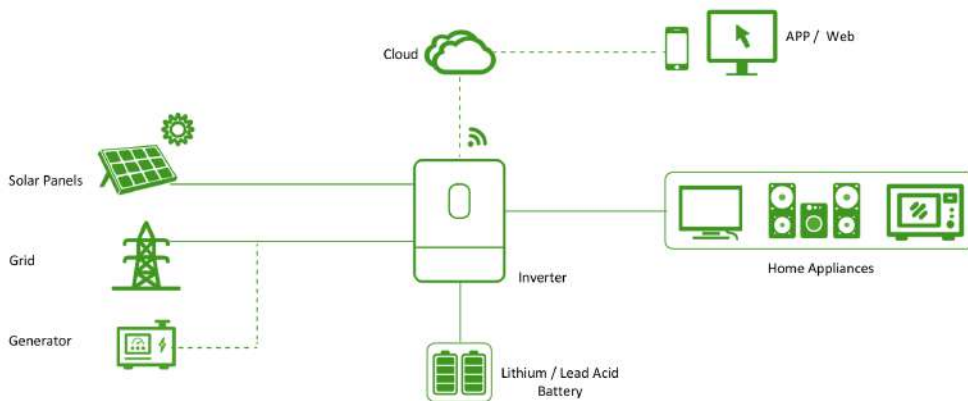


ATLANTIC F4

Single Phase Hybrid Inverter



-  Built-in 100A Solar Charger
-  Detachable Dust Cover
-  Lithium Battery Activation
-  Workable with Generator
-  Wide MPPT Range 40-500V
-  WiFi Monitoring (OPTIONAL)
- BMS** Support Lithium/Lead-acid Battery
-  Complete CE Certificate



Model	FSOLAR ATLANTIC F4
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kVA)	4.0
Surge Power (kVA)	5.7
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110% load; 10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	92.7%@24VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	18A / 5000W
MPPT Range@Operating Voltage (VDC)	40~450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV + AC) (A)	100
Battery	
Rated Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS485 / RS232 / USB / Dry Contact
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP20
Operating Temperature	-10 °C ~ 50 °C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15 °C ~ 60 °C
Net Weight (kg)	8
Dimensions (W*H*D)	490*306*115mm (without bracket)
Max. Operating Altitude	4000m (Derating above 1000m)

ATLANTIC F6

Single Phase Hybrid Inverter



DUAL Dual AC Output

-  Feed in Grid
-  Built-in 100A Solar Charger

-  Detachable Dust Cover

-  Lithium Battery Activation

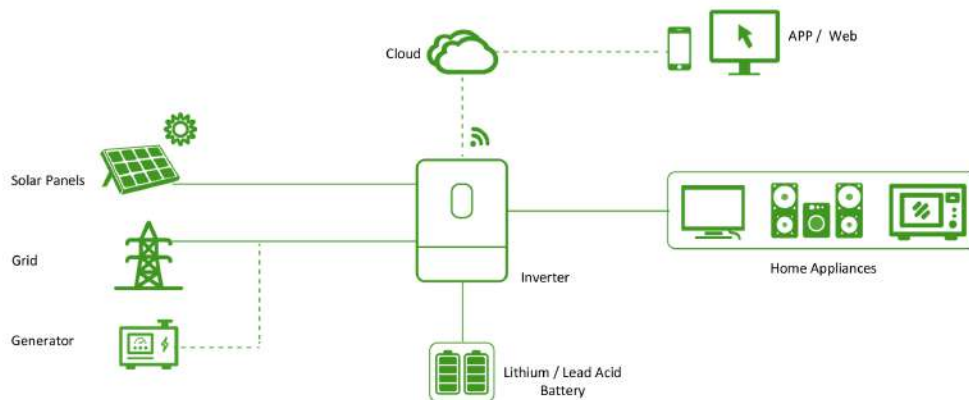
-  Workable with Generator

-  Wide MPPT Range 40-500V

-  WiFi Monitoring (OPTIONAL)

BMS Support Lithium/Lead-acid Battery

-  9 Inverters in Parallel



Model	FSOLAR ATLANTIC F6
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90-280*3 (normal mode); 170-280*3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kVA)	6.0
Peak Power (kVA)	10
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110% load; 10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	93%@48VDC
Parallel Quantity	9
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	18A / 6000W
MPPT Range@Operating Voltage (VDC)	120~450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	80
Max AC Charge Current (A)	80
Max. Charge Current (PV + AC) (A)	80
Battery	
Rated Voltage (VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS485 / RS232 / USB / Dry Contact
Monitoring	WiFi (Optional)
General Data	
Ingress Protection	IP20
Operating Temperature	-10 °C ~ 50 °C
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15 °C ~ 60 °C
Net Weight (kg)	9
Dimensions (W*H*D)	510*306*115mm (without bracket)
Max. Operating Altitude	4000m (Derating above 1000m)