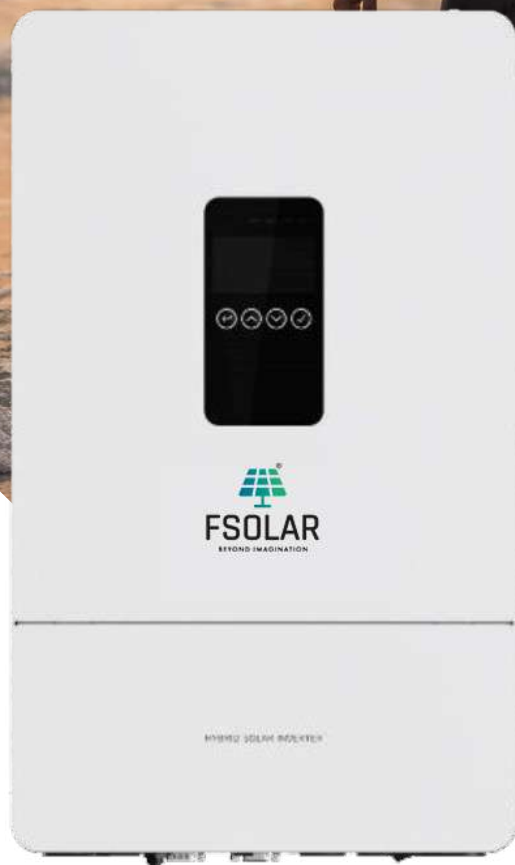


FSOLAR ATLANTIC F6

Single Phase Hybrid Inverter



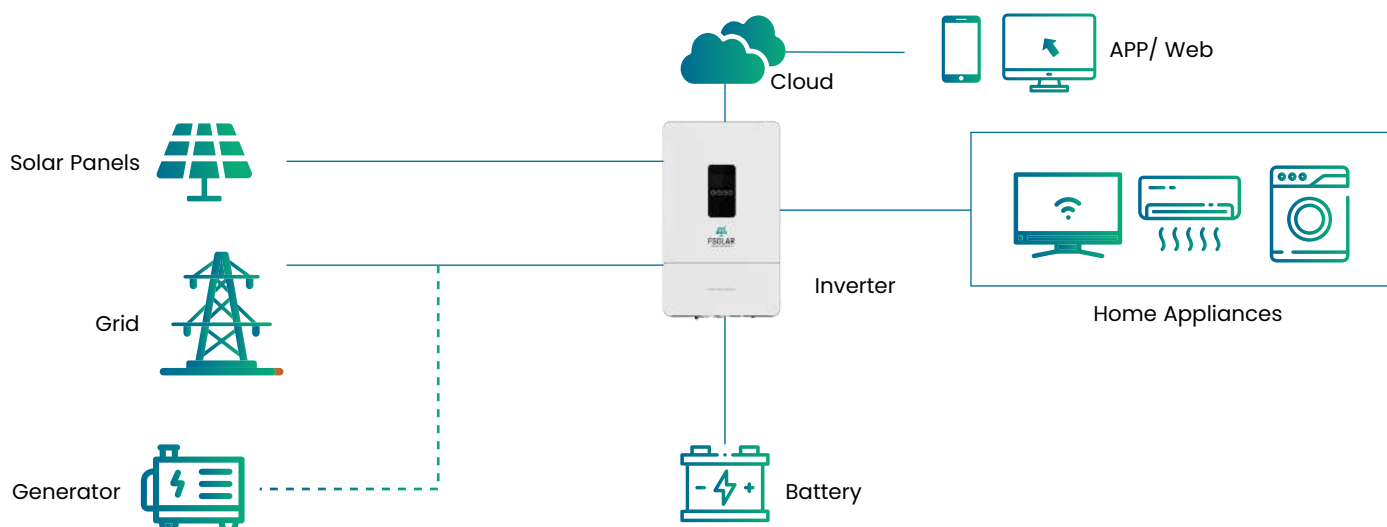
BEYOND
IMAGINATION

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ATLANTIC F6

Single Phase Hybrid Inverter

-  Feed in Grid
-  Pure Sine Wave
-  Detachable Dust Cover
-  Lithium Battery Activation
-  Workable with Generator
-  Wide MPPT Range 120-500V
-  WiFi Monitoring (OPTIONAL)
- BMS** Support Lithium/Lead-acid Battery



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±(UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
AC Output	
Rated Capacity (KW)	6.0
Surge 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
Max 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	RS 485/ RS 232/ 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)
Mx Operating Altitude	4000m (Derating above 1000m)