

FSOLAR ATLANTIC F2

Single Phase MPPT Inverter



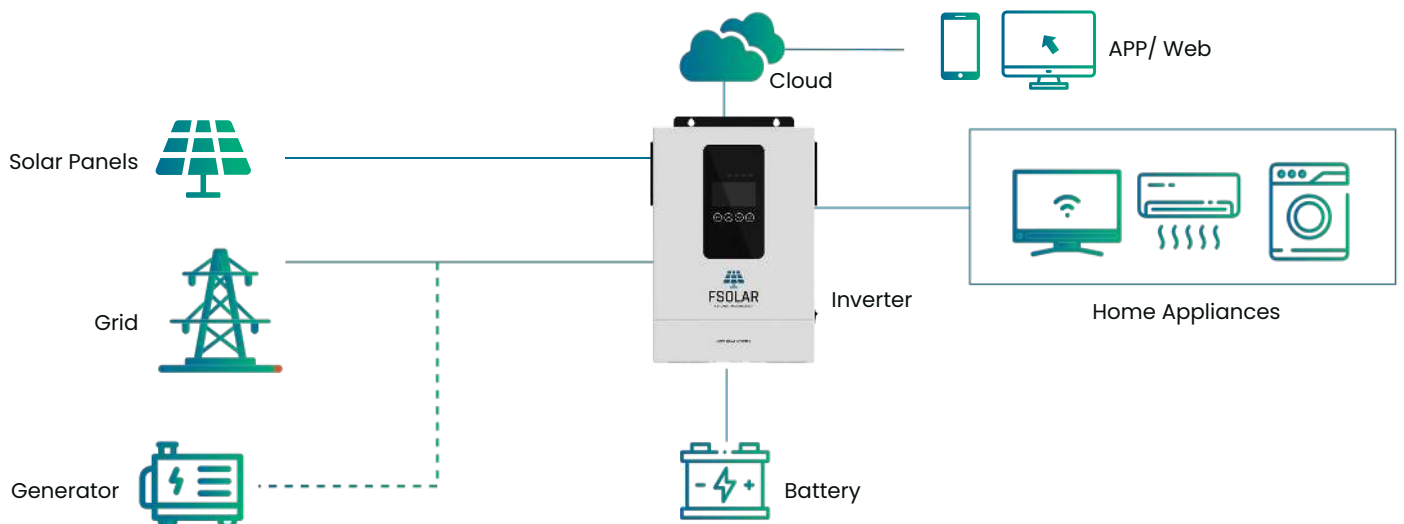
BEYOND
IMAGINATION

www.fsolar.me.com

ATLANTIC F2

Single Phase MPPT Inverter

-  Feed in Grid
-  Pure Sine Wave
-  Detachable Dust Cover
-  Lithium Battery Activation
-  Workable with Generator
-  Wide MPPT Range 20-125V
-  WiFi Monitoring (OPTIONAL)
- BMS** Support Lithium/Lead-acid Battery



Model	FSOLAR ATLANTIC F2
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)	2.0
Surge Power (KVA)	2.4
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)	90%@12VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current/Input Power	14A/1000W
Max Range@Operating Voltage (VDC)	20-100
Max PV Open Circuit Voltage (VDC)	125
Max PV Charge Current (A)	60
Max AC Charge Current (A)	40
Max Charge Current (PV + AC) (A)	100
Battery	
Rated Voltage (VDC)	12
Floating Charge Voltage (VDC)	13.8
Overcharge Protection (VDC)	15
Battery Type	Lithium and lead-acid
Interface	
HMI	LCD
Interface	RS 485/ USB
Monitoring	NA
General Data	
Ingress Protection	IP20
Operating Temperature	-100C~ 500C
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-150C~600C
Net Weight (kg)	3.6
Dimensions (W*H*D)	330*226*92mm (without bracket)
Mx Operating Altitude	4000m (Derating above 1000m)