

FLYFINE



1.5kW Solar Off-grid Inverter



Built-in 50A
Solar Charger



MPPT Range
17-115V



Pure Sine Wave



LCD Display



Support Lithium/
Lead-acid Battery



Lithium Battery
Activation

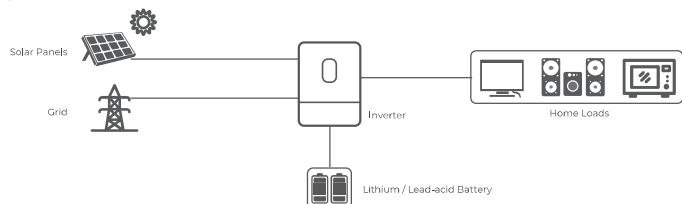


Power Factor 1.0



Detachable
Dust Cover

System Diagram:



FLYFINE

Model	FO-1500-12V
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 (kW)	1.5
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 / Power	18A/800W
MPPT Range @Operating Voltage (VDC)	17~115
Max. PV Open Circuit Voltage (VDC)	115
Max. PV Charge Current (A)	50A
Max. AC Charge Current (A)	50A
Max. Charge Current (PV + AC) (A)	100A
Battery	
Rated Voltage (VDC)	12
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	USB(Optional)
Monitoring	NA
General Data	
Ingress Protection	IP21
Operating Temperature	-10°C~60°C
Relative Humidity	5%~ 95%(Non- condensing)
Storage Temperature	-15°C~60°C
Net Weight (kg)	3.5
Dimensions (W*H*D)	320*227*100mm
Max. Operating Altitude	4000m (Derating above 1000m)

* The AC voltage and frequency range can differ according to the grid standards of each country.
* Please note that all specifications are subject to change without prior notice.

Note: The technical data above mentioned may be updated or revised due to product development.
The data in this brochure is subject to change without notice.