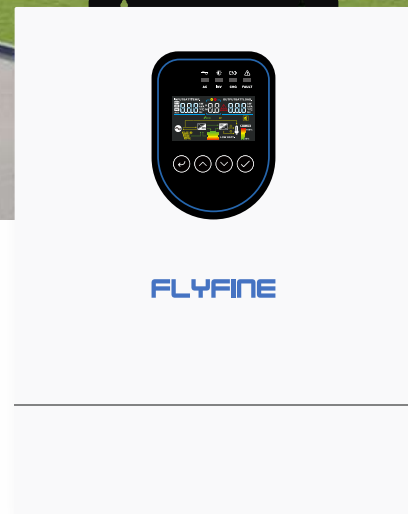


FLYFINE



Single Phase 2.5kW Hybrid Storage Inverter



Built-in 100A Solar Charger



Wide PV Input Voltage Range 30-400V



Dual AC Out



Feed-in to Grid



Support Lithium/Lead-acid Battery



Lithium Battery Activation

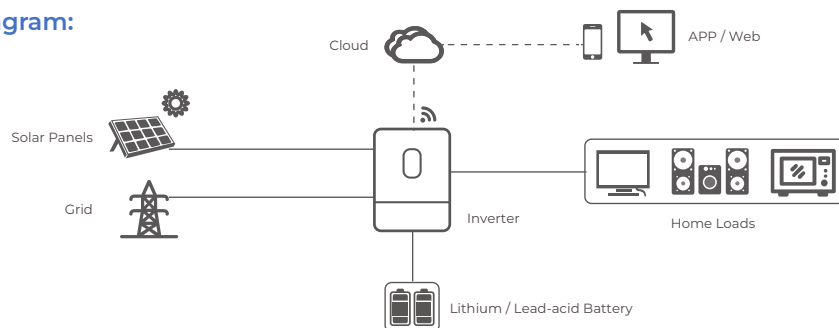


Wi-Fi Monitoring(optional)



Detachable Dust Cover

System Diagram:



Model	FH-2500S-12V
AC Input	
Rated Input Voltage (VAC)	208/220/230/240; L+N+PE
Voltage Range (VAC)	90-280 (APP/GEN mode); 170~264 (UPS mode)
Frequency (Hz)	50/60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	2.5
Surge Power (kVA)	4
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz
Switch Time (ms)	10 (APP/UPS mode) / 20 (GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (PV+Battery mode / PV mode)	long term@102%-125% load; 10s@125%-250% load
Max. Efficiency (Battery Mode)	91%@12VDC
Parallel Quantity	NA
Charger (PV /AC)	
Solar Charger Type	MPPT
Max. PV Input Current / Power	18A/3000W
MPPT Range @Operating Voltage (VDC)	30-400
Max. PV Open Circuit Voltage (VDC)	450
Max. PV Charge Current (A)	100A
Max. AC Charge Current (A)	100A
Max. Charge Current (PV + AC) (A)	100A
Battery	
Rated Voltage (VDC)	12
Max. Charging Current (A)	100
Max. Discharging Current (A)	150
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS485 / CAN / RS232 / CT(optional) / Meter (optional)
Monitoring	WiFi (optional/built-in/external)
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)	4.5
Dimensions (W*H*D)	375*290*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.

