

FLYFINE



All In One Off Grid Energy Storage System

- ▶ Easy to install, plug and play to save installation time on site
- ▶ Support WIFI communication, APP can check the working status of the system anytime and anywhere
- ▶ Pure sine wave output, friendly to electrical appliances
- ▶ Expandable lithium battery design, 5-40KWh optional to meet different requirements
- ▶ Built-in UPS function switch to backup mode seamlessly to ensure uninterrupted power supply
- ▶ One-piece integrated design, inverter and battery pre-configured to ensure compatibility
- ▶ Cycle life \geq 6000 times (80% DOD, 0.5CS)

Model	FF3000EO	FF5000EO
PV Input		
PV max input (Vdc)	500	500
MPPT voltage range (Vdc)	120 ~ 500	120 ~ 500
Maximum PV input current/MPPT (A)	25	25
Max PV input power (W)	4000	5500
Battery		
Max Input/Output Voltage (V)	28.2	56.4
Operating Voltage Range (V)	20 ~ 28.2	44 ~ 56.4
Max charge/discharge Current (A)	50/50	50/50
Max Input/Output Power (W)	4000/4000	5000/5000
Battery Type	Li-ion(LFP)/Lead-acid	Li-ion(LFP)/Lead-acid
Off-Grid AC Output		
AC voltage (Vac)	220/230/240 (L+N+PE)	220/230/240 (L+N+PE)
Frequency (Hz)	50/60(auto-adaptation)	50/60(auto-adaptation)
Max. continuous current (A)	14A	21.7
Max. continuous Power (W)	3300	5000
Max AC apparent Power(VA)	3300	5000
Others		
Dimension (L * W * Hmm)	670*200*890	670*200*890
Protective class	Class I	Class I
Ingress protection	IP54	IP54
Working temperature	-25°C ~ 60°C(derating 45°C)	-25°C ~ 60°C(derating 45°C)

Model	FFO3	FFO5
Battery Cell		
Cell Technology	Li-ion(LFP)	Li-ion(LFP)
Capacity(Ah)	106	106
Cell Quantity (pcs)	8	15
Battery Parameters		
Nominal Voltage (Vdc)	25.5	48
Rated Capacity (Ah)	106	106
Rated Energy (kwh)	2.7	5.09
Max Voltage (Vdc)	29.2	54.75
Max Charge Voltage (Vdc)	28.4	53.25
Discharge Cut-off Voltage (Vdc)	20	37.5
Standard Charge Current (A)	50	50
Max Charge Current (A)	100	100
Standard Discharge Current (A)	50	50
Max Discharge Current (A)	100	100
Others	I	I
IP inclosure	IP54	IP54
Dimension (L * W * Hmm)	670*180*310	670*200*420
Communication	RS485/CAN	RS485/CAN
Operation Temperature (C)	0 ~ 50	0 ~ 50
Storage Temperature (C)	-20 ~ 60	-20 ~ 60
Humidity	<45%	<45%
Altitude (m)	<2000	<2000