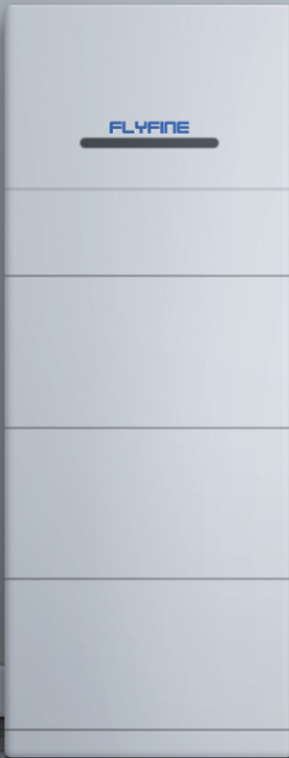


FLYFINE



Single Phase All In One Residential Solution

► Ready To Use

Integrated battery, inverter and all accessories, easily installed and ready to use with cables connected

► Modular Design

Modular battery packs, connected in parallel to increase battery capacity

► On/off Grid

Certified for grid CE

► Ultra Large PV Access

Configure two MPPT interfaces to support up to 11kw of PV

► Single-Phase

Integrated low-voltage battery and inverter for single-phase circuits

► IP65 Waterproof

IP65 rated high strength waterproof, supporting outdoor installation

► Long Life

Safe, durable and cycle life up to 6500 cycles

► Ultra-Slim Design

Ultra-slim design style, space-saving

Model	FA5120-5K	FA10240-5K	FA15360-6K
PV Input (DC)			
Recommend max.PV input power	10000Wp		11000Wp
Max. PV Voltage		600V	
Min. operation/Start-up Voltage		40V / 50V	
Rated Pv Input Voltage		360V	
No.of Independent MPPT Inputs/strings		2/1	
Input/Output(AC)			
Max, AC Input Powerfrom Grid	10000VA		11000VA
Rated AC Output Power	5000W		6000W
Max. AC Output Power	5000w		6000w
Rated AC Voltage		220V/230V/240V	
AC Voltage Range		154V ~ 276V	
Rated Grid Frequency		50Hz/60Hz	
Grid Type		Single phase	
Efficiency			
Max. Efficiency	97.5%		97.7%
European Efficiency	97.0%		97.3%
Protection & Function			
Protection	DC reverse polarity/ AC short circuit/ leakage/battery input reverse polarity		
Surge Protection	DC type II /AC type II		
DC swith(PV) /DC fuse[battery]	YES		
Battery input reverse polarity protection	YES		
General Data			
Dimensions(W*H*D)	600*365*180mm		
Weight	≤20kg		
Degree of Protection	Ip65		
Operating Ambient Temperature Range	-25°C ~ 60°C, 0 ~ 100%		
Max. Operating Altitude	4000m		
Rated Output Power for Backup Load	6000W		
Backup Data(off-grid model)			
Rated Voltage	220V/230V/240V(±2%)		
Frequency Range	50Hz / 60Hz(±0.5%)		
Rated Output Power	5000W/5000VA		5000W/6000VA
Peak Output Power	8400VA,10S		
Product Specifications(BAT&SYSTEM)			
Nominal DC Voltage	51.2V		
Battery Capacity	100Ah	200Ah(100Ah*2)	300Ah(100Ah*3)
Energy(Kwh)	5.12Kwh	10.24Kwh	15.36Kwh
Maximum Discharging Current	100A		
Cycle Life	6500 Cycles (80%DOD)		
Certification	UN38.3,MSDS,CE-EMC		
System General Data			
Temperature Range	-20°C ~ 60°C		
Environment Humidity	0 ~ 95%		
Dimensions(H*W*D)mm	985*630*205	1316*630*205	1648*630*205
Net weight (kg)	130	180	230
Communication Method	WIFI/4G		
Grid connection Certification	CE-LVD:CE-EMC:EN50549:1/CE1-021:VDE4105/0124:G99:IEC61727/62116/61683:NA/EEA-NE7-CH2020:		