



UFO POWER

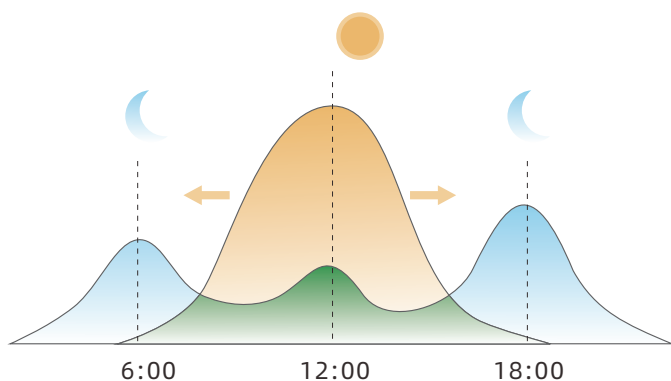





Powersun-A1

5.76 / 8.64 / 11.52 / 14.4 / 17.28 / 20.16 kWh

Application Scenarios







Compared with the traditional Higher-voltage battery, It has many advantages. The single module is with smaller size and lighter weight, and the standard module is stacked for easy installation. Through reliable BMS system and high performance equalization technology, the whole system is intelligent and flexible.



 Consumption of stored energy  Solar energy production
 Consumption of solar energy

Key characteristic

- Suitable for both off-grid and hybrid inverters, and protocol match well
- Remotely monitored by Bluetooth/Wifi/GSM system and managed by APP to check the battery working status
- The fault diagnosis and isolating function for battery module protects the system
- Flexibly and easy installation
- Programmable charge and discharge control
- Multi-level software and hardware protection
- Elegant design, IP Rate: IP65, Plug and Play
- Cycles: More than 6000 cycle life with 80% DOD
- Design Life >10 years @25°C
- Certificates: CE, TUV, ROHS, UN38.3, IEC62619, MSDS

Parameters						
Battery module quantity						
Module Number	2	3	4	5	6	7
Battery module energy (kWh) ¹	2.88					
Cell Type	LiFePO4					
Capacity (Ah)	60Ah					
Total Energy (kWh)	5.76	8.64	11.52	14.4	17.28	20.16
Nominal Voltage (V)	96	144	192	240	288	336
Voltage Range (V)	84~109.5	126~164.25	168~219	210~273.75	252~328.5	294~383.25
Weight(kg)	58	81	104	127	150	173
Dimension (WxDxH)mm	400×400×625	400×400×825	400×400×1025	400×400×1225	400×400×1425	400×400×1625
Nominal Charge/Discharge Current(A)	10					
Max.Charge/Dicharge Current(A)	50					
Expected Lifetime	10 years					
Charge Temperature Range(°C)	0~+55 (0°C~15°C Will be derating)					
Discharge Temperature Range(°C)	-20~+60					
Communication	RS232 / RS485 / CAN					
Enclosure Protection Rating	IP65					

Home Battery Storage System

