

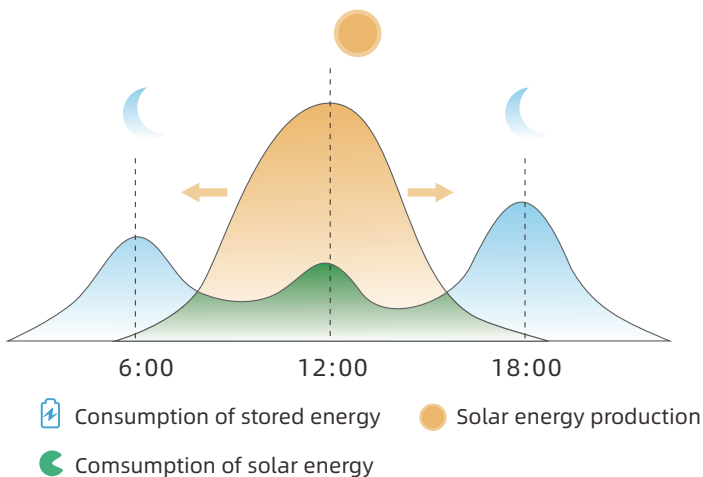


UFO POWER



All-In-One Energy Storage System


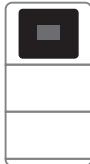


HYBRID SINGLE PHASE



Key characteristic

- All-in-one design, integrated 6kw hybrid inverter and battery
- Comfortable and easy control via App, PV or Touch-Display
- Energy storage SAAS unified platform available, OTA upgrading and other maintenance function
- Lithium ion phosphate battery modular, capacity of 5kwh-20kwh, scalable and safety
- Fast switching time
- IP protection grade 65, anti corrosion grade \geq C2
- Plug and play

System Parameters

System Schematic				
Rated output power	6000W			
Number of batteries	1	2	3	4
Battery total energy[1]	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Degree of protection	IP65			
Ambient temperature range[3]	-20℃~+60℃			
Allowable relative humidity range	5%~95%			
Max. operating altitude[4]	2000m			
Weight	74.5kg	125.5kg	176.5kg	228.5kg
Dimension (W*H*D)	W678*D220*H1172mm	W678*D220*H1492mm	W678*D220*H1832mm	W678*D220*H2483mm
Display	LCD & APP+Bluetooth			
Communication	RS485/CAN/WiFi, Optional: Ethernet/4G			
Product ordering model	[GPOWER6KW Inverter Module] + N * [GPOWER-B Battery Module]			

Inverter Module

Model	GPOWER6KW
Nominal battery voltage	51.2V
Max. charging/discharging current	100A
Max. PV input power	8000W
Max. input voltage	600V
Rated input voltage	380V
MPPT operating voltage range	120~550V
Number of MPPTs	2
Max. input current per MPPT	13A/13A
Rated grid voltage	L/N/PE, 230V, 50Hz/60Hz
Grid voltage range	170Vac-290Vac
Rated AC power	6000W
Max. AC power output to utility grid	6000VA
Rated voltage, frequency (off-grid)	220/230/240V, 50/60Hz
Max. apparent power (off-grid)	6000W
Peak output power, duration (off-grid)[5]	9000W, 60S
Max efficiency of solar Inverter	98.0%
European efficiency of solar Inverter	97.1%
Topology	Transformerless
Dimension (W*H*D)	W678*D220*H750mm
Weight	22.5kg

Battery Module

Model	GPOWER-B
Battery type	LFP[6]
Battery module energy	5.12kWh
Standard charge and discharge current	50A
Topology	Transformer isolation
Dimension (W*H*D)	W678*D220*H320mm
Weight	45kg