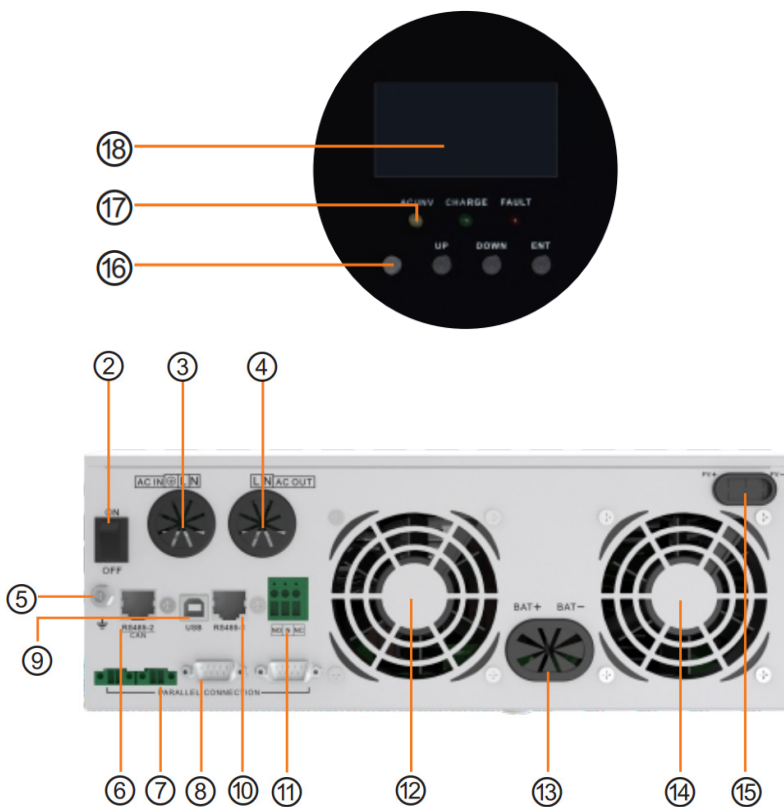


Technical Features

- Dual LFP battery activation method: PV&mains
- Efficient heat dissipation: via intelligent adjustable speed fans
- High energy efficiency: up to 99.9% MPPT capture efficiency.
- under-voltage and over-voltage protection and reverse polarity protection.
- Uninterrupted power supply: simultaneous connection to utility grid/generator and PV
- Supports up to 6 devices of the same model connected in parallel (forming a single-phase, split-phase, three-phase electrical system)



SUYEEGO

<https://suyeegoinverter.en.alibaba.com>

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Model	SYGHBP4855
Battery Input	
Battery type	Sealed, FLOOD, GEL, LFP, Ternary
Rated Battery Input Voltage	48V (Minimum Startup Voltage 44V)
Hybrid Charging Maximum Charging Current	100A
Battery Voltage Range	40Vdc-60Vdc + 0.6Vdc(Undervoltage Warning/Shutdown Voltage/ Overvoltage Warning/Overvoltage Recovery...)
Solar Input	
Maximum PV Open-circuit Voltage	500Vdc
PV Working Voltage Range	120-500Vdc
MPPT Voltage Range	120-450Vdc
Maximum PV Input Current	22A
Maximum PV Input Power	6000W
Maximum PV Charging Current	100A
AC Input (generator/grid)	
Mains Maximum Charging Current	60A
Rated Input Voltage	220/230Vac
Input Voltage Range	UPS Mains Mode: (170Vac-280Vac)+2%APL Generator Mode : (90Vac-280Vac)+2%
Frequency	50Hz/ 60Hz (Automatic Detection)
Mains Charging Efficiency	>95%
Switch Time (bypass and inverter)	10ms(Typical Value)
Maximum Bypass Overload Current	40A
AC Output	
Output Voltage Waveform	Pure Sine Wave
Rated Output Voltage (Vac)	230Vac
Rated Output Power (VA)	5500
Rated Output Power(W)	5500
Peak Power	11000VA
On-load Motor Capacity	4HP
Output Frequency Range(Hz)	50HZ±0.3HZ/60HZ±0.3HZ
Maximum Efficiency	>92%
No-load Loss	Non Energy-saving Mode: <50W Energy-saving Mode : <25W (Manual Setup)
General	
Number of parallel/split phases	1-6PCS
Certificate	CE(IEC62109-1)/CETL(UL 1741 C22.2 NO.107.1)
EMC Certification Level	EN61000, C2
Working Temperature Range	-10°C~55°C
Storage Temperature Range	-25°C~60°C
Humidity Range	5% to 95%(Conformal Coating Protection)
Dimensions	426mm*322mm*124mm
Weight (KG)	10.5