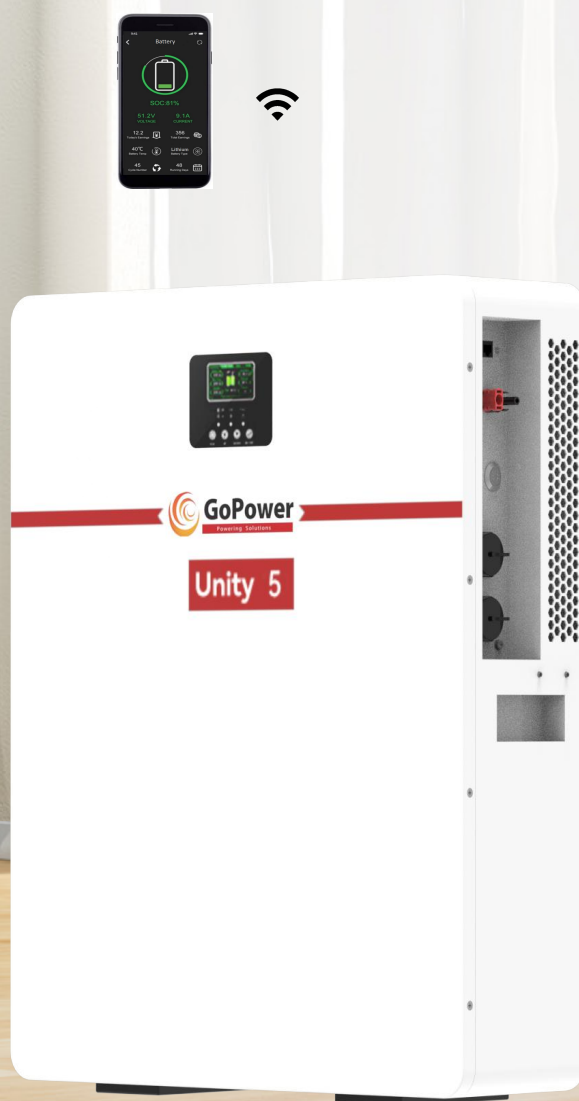


Plug & Play All in One

Home solar battery storage system Product Specification

- ✂ Flexible capacity options
- 📦 Compact size and easy installation
- 🔋 High energy density and efficiency
- 🛡️ Excellent safety of LiFePo4 battery cells
- ☀️ Built in Max. 3000W MPPT Solar Charger
- 📱 APP Remote Monitoring

2.5Kw/ 5KWh All in One home solar battery storage system
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Technical Specification

Model NO	GP-UNITY-2.5K
AC Input/Output Parameters	
Ac Input voltage	AC 230 V
Optional Voltage	170-280V AC(Personal Computer)
Optional Voltage	90-280V AC(Home Load)
Frequency Range	50Hz/60Hz (Auto Sensing)
Max AC Charge Current	12A
AC Output Voltage	230V AC ±5%
Efficiency (Peak)	Up to 93.5%
Rated Power	2.5KVA
Max. Power	3KVA
Waveform	Pure Sine Wave
PV Voltage Range	60V-450V DC
Max. PV Open Circuit Voltage	500V DC
Max. Solar Charge Current	9A
Max. PV Array Power	3KVA
Battery Parameters	
Battery Type	Lithium iron phosphate
Normal Voltage	51.2V
Normal Capacity	5.12kWh
Useable Capacity	5kWh
Operating Voltage	48~57.6V
Rated Charging current	60A
Max Charging Current	100A
Recycle Time	6000 (@25C, DoD 90%)
Enviornment Requirments	
Humidity	5% to 90% Relative Humidity
Battery Recycle Tlme	6000 (@25C, DoD 90%)
Operating Temprature	-10° C to 50° C
Storage Temrature	-10° C to 60° C
Warranty	5 Years