

Plug & Play

All in One

Home solar battery storage system

Product Specification

-  Auto ID
-  Automatically assign any host
-  Smart Temperature Control
-  Smart parallel technology compatible with batteries with different SOC and voltages

Efficiency with up to 90% usable energy

Built in Max. 5500W MPPT Solar Charger

Intelligent temperature control guarantees battery safety and longevity

Cycle life exceeds 6000cycles for long-lasting reliability

APP Remote Monitoring





Technical Specification

Model NO	GP-UNITY-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	24A
AC Output Voltage	230V AC $\pm$ 5%
Efficiency (Peak)	Up to 93.5%
Rated Power	5KVA
Max. Power	5.5KVA
Waveform	Pure Sine Wave
PV Voltage Range	60V-450V DC
Max. PV Open Circuit Voltage	500V DC
Max. Solar Charge Current	18A
Max. PV Array power	5.5KVA
Battery Parameters	
Battery Type	Lithium iron phosphate
Normal Voltage	51.2V
Normal Capacity	10.24kWh
Useable Capacity	10kWh
Operating Voltage	48~57.6V
Rated Charging current	60A
Max Charging Current	100A
Recycle Time	6000 (@25C, DoD 90%)
Enviornent 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