

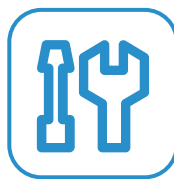
Residential ESS

PACK G1 (51.2V 100AH)

The PACK G1 is a high-capacity LFP battery designed for deep cycle use, boasting enhanced safety, a prolonged lifespan, and an optimized user experience. Specifically engineered with IP65 certification, it offers flexible indoor or outdoor installation options, including wall-mounted and ground installation. With a single unit providing up to 5kWh of power and the ability to connect up to 8 units in parallel, it delivers superior performance to meet household electricity demands.



High Protection Level
IP65 Indoor & outdoor options



Various Mounting Methods
Wall-mounted
or floor-standing installation



Higher Level Safety
LFP & Smart BMS



Stronger Scalability
2-8 units can be used in parallel



Longer Life Time
Long cycle life and
superior performance



Wider Compatibility
Compatible with Top
inverter brands



Specification PACK G1 5.0

| Model | PACK G1-5.0 |
|--|---|
| Battery Module Type | LiFePO4 |
| Nominal Battery Energy (KWH) | 5.12 |
| Nominal Capacity (AH) | 100 |
| Nominal Voltage (V) | 51.2 |
| Usable Energy (KWH) | 4.096 |
| Voltage Range (V) | 40~58.4 |
| Recommended Charge & Discharge C Rate | 0.5C |
| Recommend Charge/ Discharge Current (A) | 50 |
| Max Charge/ Discharge Current(A) | 100 |
| Dimensions (W*D*H,mm) | 458*197*610 |
| Net Weight (kg) | 54 |
| Communication | RS485/RS232/CAN |
| Working Temperature | 0 C ~50 C Charge - 10 C ~50 C Discharge |
| Shelf Temperature | -20 C ~60 C |
| Protection Level | IP65 |
| Expansion | Up to 8 units in parallel |
| Certification | CE/IEC/UL/UN38.3/MSDS |
| Design Life | 10 years+ |
| Cycle Life | >6000 |
| Warranty | 10 years |
| Compatible Inverters | SMA/Victron/Megarevo/Delios/Goodwe/Solis/Deye/SAJ/Voltronic/SRNE etc. |