

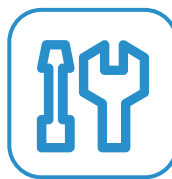
# Residential ESS

## PACK G2 (51.2V 100AH)

The PACK G2 is a new 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 15 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**  
2-15 units can be used in parallel



**Longer Life Time**  
Long cycle life and  
superior performance



**Wider Compatibility**  
Compatible with Top  
inverter brands



# Specification PACK G2 5.0

Model	PACK G2-5.0
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 )	600*480*189
Net Weight (kg)	55
Communication	RS485/RS232/CAN
Working Temperature	0℃~50℃ Charge - 10℃~50℃ Discharge
Shelf Temperature	-20℃~60℃
Protection Level	IP65
Expansion	Up to 15 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.