



**Solar Energy Storage System**  
Lithium Battery  
24V100Ah

**Key Features**

**Display and Monitoring**

Smart Display and Bluetooth app support for monitoring

**Service Life**

6000 Deep Cycle.

**Voltage Range:**

25.6V - 29.2V

**Operating temperature**

Charge at 0°C - 45°C,  
Discharge at -20°C - 60°C



**Lightweight**

44.75 lbs/20.5kg  
(Only 1/3 the Weight of Lead-acid Battery)

**Protection Level**

IP66 Level Water Proof

**Charge and Discharge Capability**

100% State of Charge (SOC) and  
100% Depth of Discharge (DOD)



Smart Display



Bluetooth Connectivity



Over Voltage Protection



Over Heat Protection



Short Circuit Protection



Over Charge Protection



Over Discharge Protection

**BUILTIN BMS, SAFETY & RELIABILITY**

**MORE RELIABLE & LONG TERM SAVING COST**

**MAINTENANCE FREE**



**Replacement of Lead Acid & Tall Tubular Battery**

Performance may vary depending on application. All specifications are subject to change without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied this data. For clarification and updated information, please contact us.

<b>Model</b>	<b>ARM LFP 24V100AH</b>
Nominal Voltage	25.6V
Rated Capacity	100Ah
Battery Energy	2560Wh
Recommend Charge Current	20A
Max Charge Current	50A
Max Continuous Discharge Current	100A
Charge Temperature Range	0-45°C
Discharge Temperature Range	-20-60°C
Recommend Charge Voltage	14.4V±0.2V
Max Charge Voltage	29.2V
Discharge Cut-Off Voltage	21.6V
Cell Type	LiFePO4 Prismatic A grade
Certification	CE/FCC/ROHS/UN38.3/MSDS
Resistance	≤18mΩ
Protection	BMS
Communication Interference	Smart Display and Bluetooth
Cycle Life	6000 Cycles@80%
Terminal	M8, 9 / 16L, 5 / 16D(inch)
Protection Level	IP66
Battery Size (LxWxH) mm Battery	522x240x218
Weight (Kg)	20.5

**Wide Applications**

- Recreational Vehicle
- Off-Grid Systems
- Trolling Motor
- Golf Cart
- Emergency Power Back-up

**Dimension**

