

ARK 2.5L-A1

2.56kWh Battery Modular

- Excellent safety of LiFePO4 battery
- Flexible capacity options, 2.56kWh to 20.48kWh
- Remote upgrade and lifelong online service
- Built-in BMS to ensure reliability and endurance
- IP65 support outdoor application
- Cycle life > 6000



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Battery Data

Energy Capacity	2.56kWh
Usable Capacity	2.30kWh
Battery Type	LFP(LiFePO4)
Nominal Voltage	51.2V
Operating voltage Range	48-57.6V
Charge/Discharge Current	25A/0.5C 50A(Max)

General Data

Dimension (W/D/H)	650/260/200 mm
IP Protection	IP20(Indoor)/IP65(Outdoor)
Weight	30kg
Working temperature	Charge 0-50°C Discharge -10-50°C
Storage Temperature	-20°C~+45°C

Features

DoD	90%
Cycle Life	>6000 (25°C, 90% DOD)
BMS Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature measurement
Module Connection	1 ~ 10 in parallel
Communication Port	RS485/CAN
Warranty	10 Years

IEC62619(Cell&Pack)/CE/CEC/RCM/UN38.3