



AF15KL

Low voltage battery

- Easy installation, plug and play design
- Flexible capacity, Max.15pcs in parallel to extend capacity
- Safe & reliable, Lithium Iron Phosphate (LFP) Cell
- LED Display, SOC, Battery state





AF15KL

Battery Parameter

Battery Cell	LiFePO ₄
Battery Energy	14.33Kwh
Nominal Capacity	280Ah
Depth of Discharge	80%
Nominal Voltage	51.2V
Voltage Range	43.2vdc-58.4vdc
Nominal Charge / Discharge Current	100A
Max. Charge/Discharge Current	200A
Dimensions (length x width x height)	450x246.5x844mm
Weight	120kg
Installation	Wall-mounted / Floor-standing
Temperature of Charge	0 ~ 55°C
Temperature of Discharge	-20°C ~ +60°C
Protection Degree	IP54
Parallel Units	Up to 15
Communication Port	RS485, CAN
Display	LED
Operation Humidity	5% ~ 95%
Max. Operating Altitude	2000m
Cycle Life	6000@80% DOD, 25°C , 0.5C
Certification	CE, UN38.3, MSDS