



**AF5KL**

## **Low voltage battery**

### **KEY FEATURES**

- 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





## AF5KL

### Battery Parameter

Battery Cell	LiFePO <sub>4</sub>
Battery Energy	5120Wh
Nominal Capacity	100Ah
Depth of Discharge	80%
Nominal Voltage	51.2V
Voltage Range	43.2vdc-58.4vdc
Nominal Charge / Discharge Current	50A
Max. Charge/Discharge Current	100A
Dimensions (length x width x height)	470x141.5x520mm
Weight	48.8KG
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 16
Communication Port	RS485, CAN
Operation Humidity	5% ~ 95%
Max. Operating Altitude	2000m
Cycle Life	6000@80% DOD, 25°C , 0.5C
Certification	CE, IEC, UN38.3, MSDS