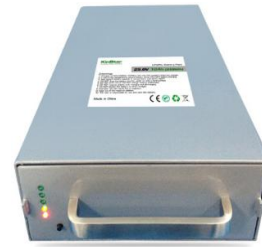


Testing Date	14-Aug-19
Ambient Temperature	32 ± 2°C
Document No.	KST-DM08S03P-FUE-01

LiFePO4 24V 10.8Ah Industrial Battery



Battery Pack Specifications

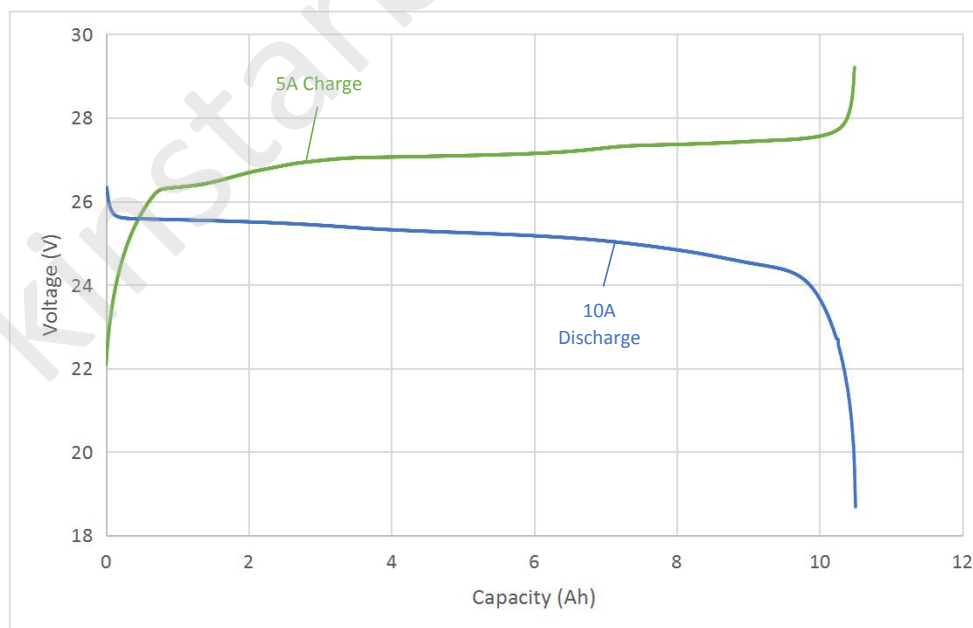
Cell Model	KinStar IFR26650UE
Configuration	3P8S
Nominal Capacity	10.8Ah
Minimum Capacity	10Ah
Nominal Voltage	25.6V
Nominal Energy Content	276.5Wh
Charge Voltage	28.8V
Standard Charge Current	2A
Max. Charge Current	5A
Max. Continuous Discharge Current	20A
Peak Discharge Current	40A
Discharge Cut-off Voltage	16V
Gross Weight (Approx.)	6.0KG
Dimensions	80×150×400mm
Charge Connector	30A Anderson
Discharge Connector	30A Anderson
Operating Temperature	Charge: 0°C to 45°C Discharge: -20°C to 60°C

BMS Specifications

Number Of Cluster	8S
Charge And Discharge Port	Same
Max. Allowed Charge Current	20A
Max. Continuous Discharge Current	20A
Overcharge Protection Voltage	31.2 ± 0.2V
Overdischarge Protection Voltage	16.0 ± 0.5V
Overload Protection Current	40 ± 10A
Overheat Protection Temperature	65°C
External Shortcircuit Protection	Available

Test	Conditions	Test Result
10A Discharge To	18.68V	10.5Ah

Typical discharge profiles (10A - 1C rate)



Preliminary specifications, performance may vary depending on use conditions and application.
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