

Datasheet

Item number: 15521



Description:

Module based lithium-Ion battery pack for heavy duty electric vehicles. Has the possibility of high discharge rate and a high charging current.

Highlights:

- *25,6V/42Ah battery pack.
- *Low Self-discharge <3% / month.
- *Module based with SBE80 connector.
- *High efficiency.

Module specifications:

Voltage	25.6V
Capacity (Ah)	42Ah
Energy	1075Wh
Cell Configuration	8S7P
Cell Type	32700/6000mAh
BMS	Integrated
Chemistry	LiFePO4
Cycle Life	>2000 cycles (@80% DoD, Vmax-charge = 29.2V)
Self-Discharge	<3% / month
Dimensions (LxWxH)	280 x 250 x 90mm
Weight	9Kg
Casing	PVC wrapped
Connector	SBE80

BMS specifications:

Charge ending voltage	29.2V±0.1V
Discharge ending voltage	16V (Recommended Vdischarge-cut-off = 20V)
Standard cont. charging current	20A
Max. cont. charging current	40A
Standard cont. discharge current	20A
Max. cont. discharge current	80A
Peak current	150A(1S)
Short Circuit Protection	
Current consumption	<2 (mA)