

Datasheet

Item number: 17127



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:

- *61,2V/61,2Ah battery pack.
- *Low Self-discharge <3% / month.
- *Module based with SBE80 connector.
- *High efficiency.

Module specifications:

Voltage	61.2V
Capacity	61,2Ah
Energy	3745Wh
Cell Configuration	17S24P
Cell Type	18650/2550mAh
BMS	Integrated
Chemistry	Lithium-NMC
Cycle Life	>500 cycles (@80% DoD, Vmax-charge = 71.4V)
Self-Discharge	<3% / month
Dimensions LxWxH	365 x 245 x 155mm
Weight	22Kg
Casing	PVC wrapped
Connector	SBE80

BMS specifications:

Charge ending voltage	71.4V±0.1V
Discharge ending voltage	42.5V (Recommended Vdischarge-cut-off = 47.6V)
Standard cont. charging current	30A
Max. cont. charging current	60A
Standard cont. discharge current	30A
Max. cont. discharge current	60A
Peak current	130A(1S)
Short Circuit Protection	
Current consumption	<2 (mA)