

# Datasheet

Item number: 15527



## 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:

- \*64V/60Ah battery pack.
- \*Low Self-discharge <3% / month.
- \*Module based with SBE80 connector.
- \*High efficiency.

## Module specifications:

Voltage	64V
Capacity (Ah)	60Ah
Energy	3840Wh
Cell Configuration	20S10P
Cell Type	32700/6000mAh
BMS	Integrated
Chemistry	LiFePO4
Cycle Life	>2000 cycles (@80% DoD, Vmax-charge = 73V)
Self-Discharge	<3% / month
Dimensions (LxWxH)	360 x 355 x 170mm
Weight	33Kg
Casing	PVC wrapped
Connector	SBE80

## BMS specifications:

Charge ending voltage	73V±0.1V
Discharge ending voltage	40V (Recommended Vdischarge-cut-off = 50V)
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)