

# Datasheet

Item number: 17111



## 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:

- \*25,2V/40,8Ah battery pack.
- \*Low Self-discharge <3% / month.
- \*Module based with SBE80 connector.
- \*High efficiency.

## Module specifications:

Voltage	25.2V
Capacity	40,8Ah
Energy	1028Wh
Cell Configuration	7S16P
Cell Type	18650/2550mAh
BMS	Integrated
Chemistry	Lithium-NMC
Cycle Life	>500 cycles (@80% DoD, Vmax-charge = 29.4V)
Self-Discharge	<3% / month
Dimensions LxWxH	320 x 145 x 85mm
Weight	6.5Kg
Casing	PVC wrapped
Connector	SBE80

## BMS specifications:

Charge ending voltage	29.4V±0.1V
Discharge ending voltage	17.5V (Recommended Vdischarge-cut-off = 19.6V)
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)