

# Datasheet

Item number: 17101



## 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/40,8Ah battery pack.
- \*Low Self-discharge <3% / month.
- \*Module based with SBE50 connector.
- \*High efficiency.

## Module specifications:

Voltage	61.2V
Capacity	40,8Ah
Energy	2496Wh
Cell Configuration	17S16P
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	315 x 190 x 155mm
Weight	16.5Kg
Casing	PVC wrapped
Connector	SBE50

## BMS specifications:

Charge ending voltage	71.4V±0.1V
Discharge ending voltage	42.5V (Recommended Vdischarge-cut-off = 47.6V)
Standard cont. charging current	20A
Max. cont. charging current	40A
Standard cont. discharge current	20A
Max. cont. discharge current	40A
Peak current	80A(1S)
Short Circuit Protection	
Current consumption	<2 (mA)