

SBM Board 16 cells (48V/60A)



Model name	SBM 16 / 60	GWL/Power Simple Battery Management Board 16 cells (48V/60A)
Voltage	Charging voltage	C:57.6V 3.6V/Cell
	Balance voltage for single cell	3.6V±0.003V
Current	Balance current for single cell	72±10mA
	Current consumption for single cell	≤20μA
	Max. continuous current	60A
Overcharge Protection	Over charge detection voltage	3.90V±0.025V
	Over charge detection delay time	0.96S~1.4S
	Over charge release voltage	3.80±0.025V
Over-discharge Protection	Over discharge detection voltage	2.0±0.05V
	Over discharge detection delay time	115~173mS
	Over discharge release voltage	2.3±0.05V
Over Current Protection	Over current detection voltage	0.62V
	Over current detection current	200±30A
	Detection delay time	7.2ms~11ms
	Release condition	Automatic Recovery
Short Protection	Detection condition	Exterior short circuit
	Detection delay time	200-500μs
	Release condition	Automatic Recovery
Resistance	Protection circuitry	≤20mΩ
Temperature	Operating temperature range	-40 ~ +85°C
	Storage temperature range	-40 ~ +125°C
Dimensions	L * W * T	120 * 80 * 30mm
Weight	0,220 kg	Kilograms (tolerance +/- 1g)

P+=B+=Charge+/Discharge+

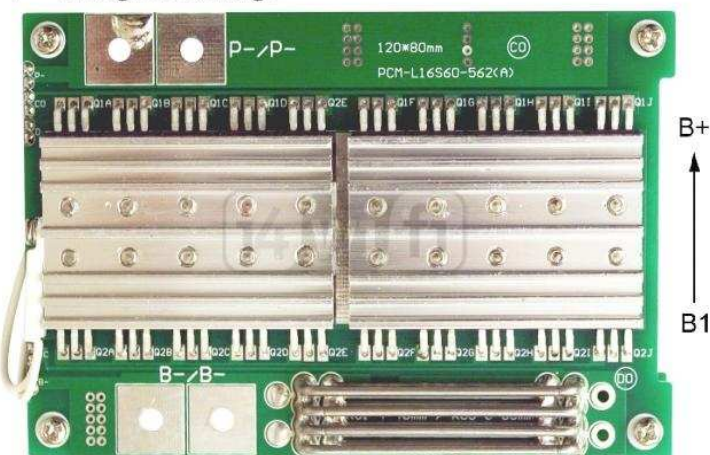
P- =Charge-/Discharge-

Size:L120*W80*T30mm

Remarks:

Please follow the connecting drawing to arrange the wire to B-,B1,B2...B+)
Temperature sensor on the MOSFET provide an protection temperature of 90°C.

The P+ can be lead out from the positive of the battery pack also.



B+
↑
B1

