

Chargery Power BMS Comparison Table

MODEL	BMS24T	BMS16T	BMS16	BMS8-150	BMS8-75	BMS8
battery Type and Cell count	2S-24S LiPo, LiFe, LiTo	2S-16S LiPo, LiFe, LiTo	2S-16S LiPo, LiFe	3S-8S LiPo, LiFe	3S-8S LiPo, LiFe	3S-8S LiPo, LiFe
cell balancer	yes, 1.2A per cell	yes, 1.2A per cell	no	yes, 300mA per cell	yes, 300mA per cell	yes, 300mA per cell
External Power supply	yes	yes	yes	no	no	no
Sound Alarm	yes	yes	yes	yes	yes	yes
Lighting Alarm	yes	yes	yes	no	no	no
Charge controller	yes	yes	yes	yes	yes	yes
Discharge controller	yes	yes	yes	yes	yes	yes
Maximal charge current	600A	600A	100A, 300A burst	80A	50A	25A,
Maximal discharge current	600A	600A	100A, 300A burst	150A 600A	75A 300A	25A, 100A burst
Current detection	75mV current shunt	75mV current shunt	separate current sensor	built-in current sensor	built-in current sensor	built-in current sensor
Temperature detection	two channel	two channel	two channel	one channel	one channel	one channel
Cell voltage detection	yes, ±8mV	yes, ±5mV	yes, ±5mV	yes, ±10mV	yes, ±10mV	yes, ±10mV
SOC	Yes	Yes	Yes	NO	NO	NO
Charge power, Discharge power and regenerative power acculation	increase in charge and decrease in discharge automatically	increase in charge and decrease in discharge automatically	increase in charge and decrease in discharge automatically			
Data and status Display	individual TFT Color LCD	individual TFT Color LCD	built-in TFT Color LCD	built-in digital LED	built-in digital LED	built-in digital LED
Over current protection	yes	yes	yes	yes	yes	yes
Short circuit protection	yes	yes	yes	yes	yes	yes
Over temerature protection	yes	yes	yes	yes	yes	yes
Under temperature protection	yes	yes	yes	NO	NO	NO
Temperatuer difference protecion	yes	yes	yes	NO	NO	NO
Over Voltage protecion	yes	yes	yes	yes	yes	yes
Under Voltage protection	yes	yes	yes	yes	yes	yes
Cell voltage difference protection	yes	yes	yes	NO	NO	NO
Warning delay	user setup	user setup	user setup	yes	yes	yes
Discharge Cut off delay	user setup	user setup	user setup	yes	yes	yes
Parameters programable	yes	yes	yes			
Balance setup	yes	yes	yes			
USB Port for update	yes	yes	yes			
Communication with charger	yes	yes	no			
Current calibration	yes	yes	yes			