



6 Cell 24V 12A Battery Management System for lithium 18650 battery size

Model: BW-6S / 180861

Description: 6 Cell 24V 15A with equalization, integrated chip, more stable performance, ultra-thin high-power MOS device
Size: 50x32x4.2mm

Electrical parameters: (6 series lithium ion battery)

	Description	Specification
Voltage	Charging Voltage CV/CC	25.2V
	Current	
Current	Single battery consumption	$\leq 6\mu\text{A}$
	Maximum Continuous discharge current	12A
Overcharge protection	Overcharge detection voltage	$4.25\pm 0.05\text{V}$
	Overcharge protection delay	$150\sim 500\pm 0.5\text{mS}$
	Overcharge recovery voltage	$4.1\pm 0.05\text{V}$
Over-discharge protection	Over-discharge detection voltage	$2.45\text{V}\pm 0.1\text{V}$
	Over-discharge detection delay time	$50\sim 150\pm 0.5\text{mS}$
	Over-discharge recovery voltage	$2.9\text{V}\pm 0.1\text{V}$
Over-current protection	Over-current detection voltage	$150\pm 30\text{mV}$
	Over-current detection current	$30\text{A}\pm 4\text{A}$
	Over-current detection delay time	5 ~ 15mS
Short circuit protection	Detection condition	External short
	Detection delay time	$\leq 300\mu\text{S}$
	Recovery condition	Automatic recovery
Internal resistance	Protection circuit(MOSPET)	$\leq 25\text{m}\Omega$
temperature	temperature range	-40 ~ 50°C

