

C&I Storage BMU



| Functional Description

- The 64-series single-cell battery voltage monitoring function has the characteristics of high acquisition accuracy and fast speed; it can be widely used in various battery types and is compatible with lithium iron phosphate, lithium manganese oxide, lithium titanate, and ternary batteries;
- 64-channel NTC temperature monitoring function, the acquisition has the characteristics of high precision and high reliability, and the sampling quantity can be configured;
- Supports passive balancing and adopts energy consumption balancing technology to simultaneously discharge and balance multiple single cells in the battery pack;
- Supports alarm functions such as power supply/single unit voltage, temperature, communication failure, etc;
- Supports voltage and temperature acquisition offline detection function;
- ISOSPI communication: Slave sampling information is uploaded to the master via daisy chain communication, and addresses are automatically assigned;
- Comply with 1500V safety regulations;



| Product Parameters

Main technical parameters		Minimum	Typical values	Maximum	Unit	Remark
Working power supply		9		32	Vdc	
Single cell voltage	Voltage range	0		5	Vdc	
	Number of acquisition channels	32		64	路	Each connector can connect at least 8 batteries, and the corresponding battery pack voltage must be greater than 16V
	Acquisition accuracy		±3	±5	Vdc	
Temperature sampling	Temperature range	-40		125	℃	
	Number of acquisition channels			64	Channel	
	Acquisition accuracy		±1		℃	
Passive Balance	Current			100	mA	



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