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Battery Management system
**(BMS) &
Balancer**



ENJ Smart Lithium Battery BMS is committed to becoming the global leader in smart lithium battery BMS technology. Our goal is to redefine the industry standards, innovate relentlessly, and provide intelligent energy solutions that shape the future of power storage worldwide. Join us on the journey to a smarter, more sustainable tomorrow..



The EJ Series Smart BMS is compatible with ternary lithium, lithium iron phosphate, and lithium titanate battery packs ranging from 4S to 24S configurations.

It supports standard discharge currents of 50A, 100A, 200A, and 300A.

With a comprehensive upgrade, it is suitable for various lithium battery applications, including aerial work vehicles, marine energy storage, ATVs, floor sweepers, RV energy storage, tour vehicles, low-speed vehicles, golf carts, and forklifts. The BMS also features multiple communication functions and expansion ports (CAN, RS485, dual UART communication interfaces) for enhanced versatility.



Support Series and Parallel Connection

Model	Strings Range	Continuous Discharge Current	Maximum Discharge Current	Balance Current
ENJBMS2A4S50SP	4	50A	100A	0-2A
ENJBMS2A4S100SP	4	100A	200A	0-2A
ENJBMS2A4S200SP	4	200A	400A	0-2A
ENJBMS2A4S300SP	4	300A	600A	0-2A

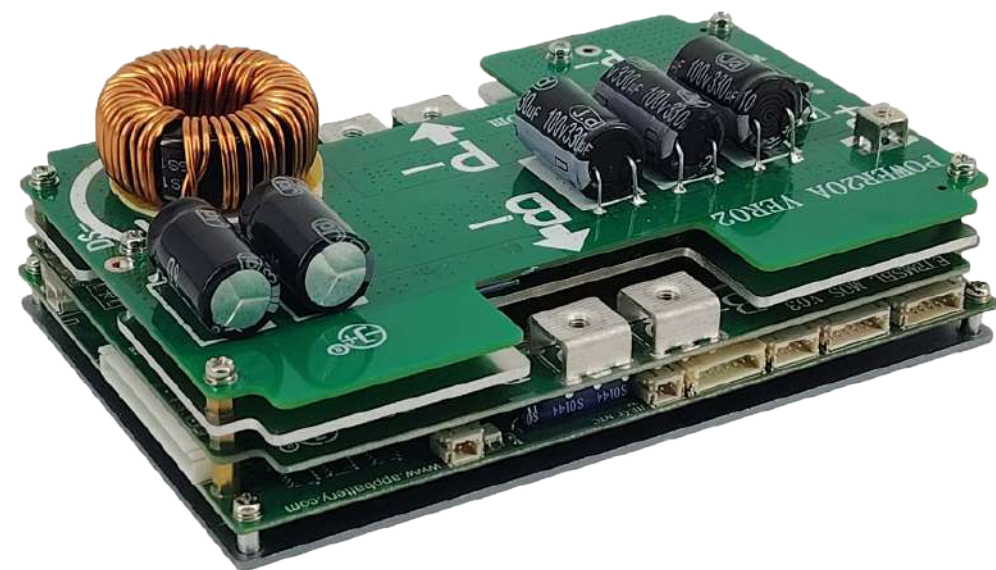
SP series: Support max 8pcs in series and unlimited parallel connection

Standard Version



Model	Strings Range	Continuous Discharge Current	Maximum Discharge Current	Balance Current
ENJBMS2A8S50	4-8	50A	100A	0-2A
ENJBMS2A8S100	4-8	100A	200A	0-2A
ENJBMS2A8S200	4-8	200A	400A	0-2A
ENJBMS2A8S300	4-8	300A	600A	0-2A
ENJBMS2A16S50	4-16	50A	100A	0-2A
ENJBMS2A16S100	4-16	100A	200A	0-2A
ENJBMS2A16S200	4-16	200A	400A	0-2A
ENJBMS2A16S300	4-16	300A	600A	0-2A
ENJBMS2A24S50	4-24	50A	100A	0-2A
ENJBMS2A24S100	4-24	100A	200A	0-2A
ENJBMS2A24S200	4-24	200A	400A	0-2A
ENJBMS2A24S300	4-24	300A	600A	0-2A

Support Parallel Connection



Model	Strings Range	Continuous Discharge Current	Maximum Discharge Current	Balance Current
ENJBMS2A8S50P	4-8	50A	100A	0-2A
ENJBMS2A8S100P	4-8	100A	200A	0-2A
ENJBMS2A8S200P	4-8	200A	400A	0-2A
ENJBMS2A8S300P	4-8	300A	600A	0-2A
ENJBMS2A16S50P	4-16	50A	100A	0-2A
ENJBMS2A16S100P	4-16	100A	200A	0-2A
ENJBMS2A16S200P	4-16	200A	400A	0-2A
ENJBMS2A16S300P	4-16	300A	600A	0-2A
ENJBMS2A24S50P	4-24	50A	400A	0-2A
ENJBMS2A24S100P	4-24	100A	400A	0-2A
ENJBMS2A24S200P	4-24	200A	400A	0-2A
ENJBMS2A24S300P	4-24	300A	400A	0-2A
P series: Support 16 pcs in parallel				

Long Strip Standard Version



Model	Strings Range	Continuous Discharge Current	Maximum Discharge Current	Balance Current
ENJBMS2A16S50L	4-16	50A	100A	0-2A
ENJBMS2A16S100L	4-16	100A	200A	0-2A
ENJBMS2A16S200L	4-16	200A	400A	0-2A
ENJBMS2A16S300L	4-16	200A	400A	0-2A
L series: Long strip appearance				

Long Strip Support Parallel Connection

Model	Strings Range	Continuous Discharge Current	Maximum Discharge Current	Balance Current
ENJBMS2A16S50LP	4-16	50A	100A	0-2A
ENJBMS2A16S100LP	4-16	100A	200A	0-2A
ENJBMS2A16S200LP	4-16	200A	400A	0-2A
ENJBMS2A16S300LP	4-16	200A	400A	0-2A
LP series: Long strip appearance,Support 16 pcs in parallel,LP for 2U/3U/4U home energy storage battery packs.				



BMS

High-Voltage



Model	Strings Range	Continuous Discharge Current	Maximum Discharge Current	Balance Current
ENJBMS2A24SR	4-24	500A	1000A	0-2A
R series: Relay Type BMS				
SR series:Master-Slave series version high voltage BMS Series support up to 1500V				

Active Balancer



Model	Strings	Balance Current	Power Supply Range	Specification
ENJBL2A4S	3-4	0-2A	Battery Power	
ENJBL2A8S	4-8	0-2A	Battery Power	
ENJBL2A16S	4-16	0-2A	Battery Power	
ENJBL2A20S	4-20	0-2A	Battery Power	
ENJBL2A24S	4-24	0-2A	Battery Power	



More than Power:
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with Smart Lithium BMS
Solutions.
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