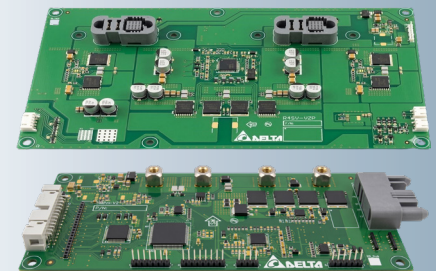




Powering the Future of Innovation

48V Hot Swap BMS Platform

- **Simpler Integration** – Built-in hot-swap and pack balancing functions reduce components and wiring complexity.
- **Battery Protection** – Fast fault shutdown and adjustable overcurrent and short-circuit protection help safeguard your system.
- **Adaptable Control** – Programmable current limits and RS485/CAN interfaces support integration with your application.
- **Energy Savings** – Ultra-low-power sleep mode helps reduce battery drain during standby.



Description	Specification
Input voltage flexibility	35–60 VDC
CHG/DCHG current per BMS	40A/70A peak
BMS protection	COVP, CUVP, OVP, UVP, ODCP, OCCP, SCP, OTP, LTP, Cell imbalance
BMS cell balancing	~300mA
on PDB pack balancing	~10A
Communication interface	CAN / RS485 (optional)
Functional Safety support	Up to SIL 3



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