ReVx Energy

VinciX-MSC

Battery Management System



FEATURES

- Supports Battery Voltage up to 1500V
- Interface up to 20 Racks
- Isolated CAN/Isolated RS485
- Functional Safety Ready
- Controls/Communicates with standard PCS/Inverter
- Compatible with 7.2-inch/10-Inch Display

APPLICATIONS

- Home Energy Storage
- Commercial and Industrial Energy Storage

KEY SPECIFICATION

Parameters	Specifications
Power supply	External 12V/24V
Number of Parallel PDU	Up to 20 [Easily configurable based on design requirement]
Status LED	Power Supply, Fault and Ok
Communication	2 Isolated CAN 2 Isolated RS485
External display interface	4.2 inch/7 inch/ 10-inch touch screen display
Master BMS	VinciX_HV_BMS
PCS communication type	SAE J1939 29 bit ID / Standard CAN 2.0 A/B 11/29 bit ID / Modbus over RS485 Compatible with Pylon tech protocol
Supported CAN speeds	Up to 1Mbps
CAN ports	2 Isolated CAN
Remote monitoring module communication type	Isolated RS-485
Supported RS-485 speeds	Up to 1Mbps
Local data monitoring	CAN/RS485
Control IO	Isolated O/P: 2

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