HIGH-VOLTAGE SERIES · PRODUCT DATASHEET

PBHV1280100

128 V 100 Ah LiFePO4 battery

RATED ENERGY
12.8 kWh

A 128 V high-voltage LiFePO4 pack storing 12.8 kWh, with a smart master–slave CAN BMS (CAN 2.0, 500 kbps) for high-voltage hybrid inverters and commercial energy storage. Installation and service by authorised personnel only.

NOMINAL VOLTAGE	CAPACITY	MAX DISCHARGE	COMMUNICATION
128 V	**100 Ah**	**12.8 kW**	**CAN 2.0**

Specifications

Model	**PBHV1280100**
Chemistry	**LiFePO4 (lithium iron phosphate)**
Nominal voltage	**128 V**
Rated capacity	**100 Ah**
Rated energy	**12.8 kWh**
Recommended charging current	**max 50 A recommended**
Max. discharge power	**12.8 kW**
Discharging current	**100 A max (max 50 A recommended)**
BMS	**Smart CAN BMS, master–slave**
Communication	**CAN 2.0, 500 kbps**
Dimensions (L × W × H)	**On request**
Warranty	**5 years**

Key features

- Smart CAN BMS — master–slave architecture
- CAN 2.0 communication at 500 kbps
- 12.8 kWh and up to 12.8 kW in one pack
- High performance · Zero maintenance · Longer life

Ideal for

- High-voltage hybrid inverters
- Commercial & industrial storage
- Factories and warehouses
- Hospitals and campuses

High-voltage system: installation and service by authorised personnel only. Smart master-slave CAN BMS with CAN 2.0 communication at 500 kbps. Do not connect batteries in series or parallel. Register the battery at powrio.com/warranty/register to receive a digital warranty certificate with QR verification. Specifications are subject to change; confirm with Powrio before ordering.

Powrio Energy Solutions · 310, Magnifico Commercial Hub, Thaltej, Ahmedabad, Gujarat 380054, India
1800-102-7251 (toll-free) · +91 96703 18958 · info@powrio.com · powrio.com