

BATTERY MODULE | BJ DCB-105ZKT BATTERY CABINET | PLSCA-700-1002 / PLSCA-700-1003

BATTERY FOR AC / DC COUPLED EVERVOLT™

The EverVolt battery system encloses Panasonic DCB-105 Li-ion battery modules and can be sized to suit your energy needs ranging from 11.4 kWh to 17.1 kWh usable capacity. Two battery cabinets can be added per inverter to help achieve 34.2 kWh per EverVolt system.

FEATURES

- Capacity
 - Connect up to 12 batteries per inverter in two battery cabinets helping you achieve 34.2 kWh usable capacity
- State of charge (SOC)
 - LED indicators
 - Can be monitored and set on the EverVolt app
- Charge status detection
 - Detects charge permission, full charge and recharge condition
- Communication function
 - RS-485
 - Communication with BMS
- Safety features
 - Overcharge/discharge, overcurrent, abnormal temperature detection
 - Continuous battery status monitoring: total voltage, current, temperature



BATTERY MODULE - BJ DCB-105ZKT

BATTERY CABINET - PLSCA-700-1002 / PLSCA-700-1003

GENERAL SPECIFICATIONS

Sizing Options	Standard	Plus
Battery Modules	4	6
Usable Energy	11.4 kWh	17.1 kWh
Maximum Continuous Output Power	4.6 kW	5.5 kW
Average Backup Capability ¹	6 hours	9 hours
Warranty ²	10 years (30.24 MWh)	10 years (45.36 MWh)
Certifications	UL 1741SA, UL 1973, UL 1642, UL 9540, CSA C22.2, IEEE 1547A, IEEE 1547.1, FCC Class B	

¹ Based on average residential electricity consumption for 2017 (<https://www.eia.gov/tools/faqs/>). Consult your Panasonic Authorized Installer for a custom site analysis, as electricity consumption can vary widely based on home size, climate, and the number of energy intensive appliances such as air conditioners and EV chargers.

² 10 year warranty period with 60% capacity guarantee or the indicated throughput values whichever occurs first.

MECHANICAL SPECIFICATIONS

	Standard	Plus
Battery Cabinet Dimensions	24.2 x 65.5 x 10 in. [615x1664x245 mm]	
Weight (Battery cabinet)	106 lbs [48.1 kg]	
Weight (Battery)	55 lbs [25 kg]	
Weight (Installed)	326 lbs [148.1 kg]	436 lbs [198.2 kg]

ELECTRICAL SPECIFICATIONS

Module Voltage (Min./Nom./Max.)	42 V / 46.2 V / 52 V
Usable Capacity per Battery Module ³	2.85 kWh
Charge Input Voltage	52V
Input Current ⁴	25 A
Output Current ⁴	25 A

³ At rated voltage range

⁴ Dependent on temperature, duration and other environmental conditions.

TEMPERATURE SPECIFICATIONS

Operating Temperature (Charging)	41°F to 131°F [5°C to 55°C]
Operating Temperature (Discharging)	32°F to 122°F [0°C to 50°C]
Recommended Ambient Temperature	-13°F to 158°F [-25°C to 70°C]

DIMENSIONS

