BCL04-CBA01 LiB CABINET DATA SHEET

MITSUBISHI ELECTRIC
CRITICAL POWER SOLUTIONS
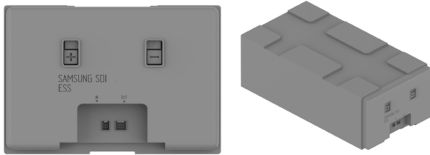

BATTERY MODULE

- Long Life and High Power
- Multi-layered Safety Power Cell
- Built-in Battery Monitoring
- Laser Welded Construction

FEATURES & BENEFITS

1 FOOTPRINT
40%-60% smaller than tradtitonal battery systesms.

2 WEIGHT
60% lower weight than traditional battery systems.

3 MAINTENANCE
low maintenance

4 WARRANTY
3 year warranty

5 LIFE SPAN
15 year life span

6 COST OF OWNERSHIP
40% reduction to your total cost of ownership over traditional battery systems with 3x longer life

MANUFACTURER DATA	
Manufacturer	Samsung
Product Series	80S

BATTERY DATA	
Battery Type	Lithium Manganese Oxide / Nickel Manganese Cobalt Oxide mix (LMO / NMC)
Module type	M2031AE
Number of Modules	10
Nominal Voltage	304 VDC
Capacity	67 Ah
Energy	20.4 kWh
Design Life	15 years
Max Discharge Power	108 kW
Max No. Paralleled Strings	18

OPERATION	
Operating Voltage	240 - 336 VDC
Operating Temperature	64°F to 82°F (18°C to 28°C)
Storage Temperature	32°F to 104°F (0°C to 40°C)
Communications	Modbus TCP/IP
Certifications	UL1642, UN38.3, UL1973, UL991, UL1998, UL9540A

GENERAL	
Weight	920 lb (417 kg)
Dimensions (WxDxH) (In)	25.6 x 20.9 x 80.9
Cable Entry Point	Top
Display	None

APPLICABLE UPS from MITSUBISHI ELECTRIC

1100B
Pairing this battery with the Mitsubishi Electric 1100B provides you long runtimes with a minimal number of cabinets and reduced maintenance.

LITHIUM READY™

MITSUBISHI ELECTRIC
CRITICAL POWER SOLUTIONS

EVERPOWER™

ABOUT US

Based in Pittsburgh, PA, the Critical Power Solutions Division (CPSD) is a business unit of Mitsubishi Electric Power Products, Inc. (MEPPI). Mitsubishi Electric has been manufacturing precision engineered highly reliable uninterruptible power supplies since 1964 and introduced a line of cooling systems in 2021. CPSD's operations include Project Application Engineering, Design Engineering, Service & Support, Manufacturing & Warehousing, Quality, Sales and Marketing.

OUR SERVICES

Mitsubishi Electric's highly reliable and efficient products are backed by a full range of Field and Factory Services:

- Factory Testing & Startup
- 24/7 Customer Support
- Maintenance & Repairs
- Batteries & Battery Services

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