

CROWN



CMLB-15KWH

LITHIUM IRON PHOSPHATE (LIFEPO4) BATTERY

PRODUCT KEY FEATURES

- 0.5C continuous power output
- Stackable up to 32 units
- Ultra-safe LFP material
- Built-in short circuit protection
- Flexible remote upgrade capability
- Compatible with a wide range of inverters
- Multi-layer protection to prevent over-discharge
- Advanced BMS management for extended lifespan
- Active balancing charging with low power consumption



Integrated



Safe



Smart



Versatile



Battery
Management
System



User-friendly



Easy Installation

CMLB-15KWH

Technical Data

Model	CMLB-15KWH
Cell type	LFP
Rated power	14.3kwh
Rated capacity	280Ah
Rated voltage	51.2V
Charge voltage (Vdc)	56.5V
Battery charge current (A)	140 (max. continuous) 150 (start limit current to 10A, retest every 10 minutes) 160 (peak1 15S) 180 (peak2 500ms)
Battery discharge current (A)	140 (max. continuous) 150 (start giving over-current alarm but not stop discharging) 160 (peak 15minutes) 200 (peak 2500ms)
Parallel	Up to 32 units parallelable w/o extra device needed, slave battery drops offline or come back alive does not affect system running
IP level	IP20
Dimension, W*D*H (mm)	475*900*238
Weight (kgs)	115
Communication	CAN/RS485
Robust applications	Auto-addressing and stronger protection
DOD	0.9
Cycles	8000
Compatible inverter	Victron, Luxpower, Deye, Voltronic, SMA Goodwe, Growatt, Sofar, Solark, SRNE, Must
Humidity	5% ~ 85% RH (No condensation)
Work temperature	-20 ~ +55 °C
Storage temperature	-10 ~ +35 °C
Remote maintenance	Flexible remote upgrade, Original firmware backup to prevent upgrade failure
Protection	Overcharge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection

Product specifications are subject to change without further notice.