

# Micro 12V 640Ah Smart Heated Bluetooth Battery

Model: MC12V640 | Voltage: 12.8V | Capacity: 640Ah | Energy: 8.2kWh | Built in Canada

## ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8V
Max Voltage	14.6V
Low Voltage	10V
Float Voltage	Disable/13.8V
Continuous Discharge	300A
Cont. Discharge Cutoff	325A (60S)
Peak Discharge	500A (1S)
Short Circuit	1120A
Max Charge Current	200A (60S)

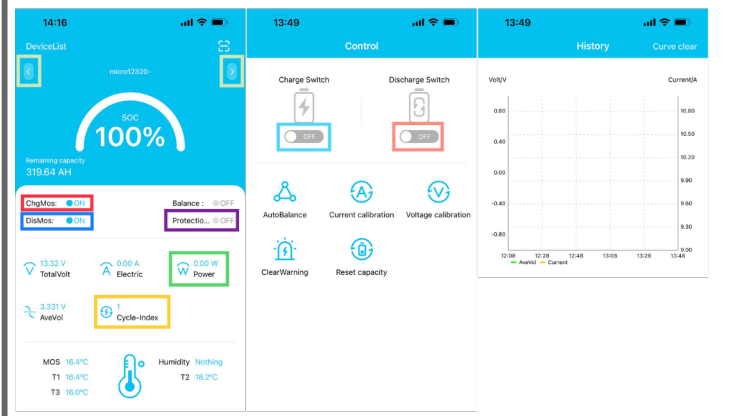
## MECHANICAL SPECIFICATIONS

Dimensions (mm)	620 x 195 x 295
Weight (kg)	57.3
Terminal Type	M8 Post
Case Material	Powder Coated Steel
On/Off Switch	Latching Switch
Rubber Grip Handles	Removable
Smart BMS Type	JBD
Comm. Port	RS485 for LCD
Max Series/Parallel	4S/4P

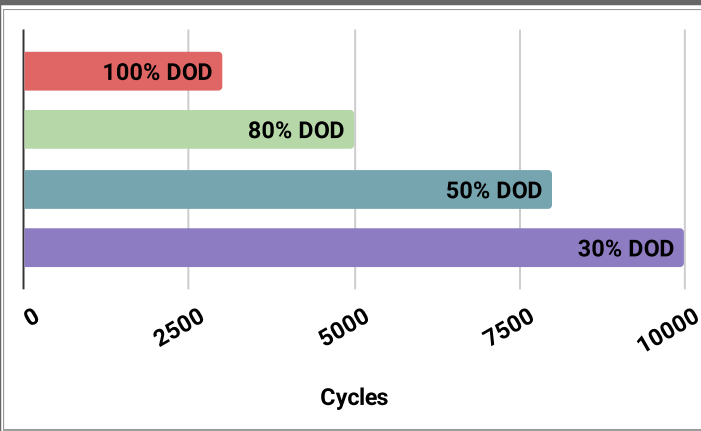
## CHEMISTRY SPECIFICATIONS

Cell Type	Grade A+ Prismatic
Cell Chemistry	LiFePO4
Cell Configuration	4S2P
Automatic Heating	Starts at 0°C
Discharge Temp Cutoff	-20°C & 60 °C
Charge Temp Cutoff	0°C & 40 °C
Storage Temp	-5°C & 35 °C
Self Discharge	<3% Per Month

## APP IMAGES



## LIFETIME CYCLES UNTIL 20% CAPACITY LOSS REALIZED



## DIMENSIONS SPECIFICATIONS

