



Specifications

Lithium Power

Basic 24 V – 100 Ah

17-06-2024

ARTICLE NUMBER

40291205

Lithium Power Basic 24 V - 100 Ah

TECHNICAL SPECIFICATIONS

Length x width x height	522 x 240 x 224 mm (20.6" x 9.5" x 8.8" inch)
Weight	29.6 kg (65.3 lb.)
Nominal voltage	25.6 V
Rated capacity	100 Ah
Energy	2560 Wh
Cycle life	>2000 cycles
Terminal type	M8
Battery housing	ABS, UL-94V-0
Housing protection	IP56
CellType-chemistry	LiFePO4 Cylindrical Cell

CHARGE PARAMETERS

Charge Method	CC-CV
Charge Voltage	28.8 ~ 29.2 V
Recommended Float Voltage	27.6 V
Recommended Charge Current	75 A
Maximum Charge Current	100 A
BMS Charge Cut-off Voltage	31.2 V

DISCHARGE PARAMETERS

Continuous Discharge Current	100 A
Peak Discharge Current	100 A (<10 seconds)
Recommended Volt. Disconnect	20 V
BMS Discharge Cut-off Voltage	16 V
Reconnect Voltage	18.4 V
Short Circuit Protection	200~600 us

TEMPERATURE PARAMETERS

Discharge Temperature	-20 to 60 C
Charge Temperature	0 to 45 C
Storage Temperature	0 to 40 C
BMS High Temperature Cut-off	80 C (176 F)

COMPLIANCE PARAMETERS

Certifications

UL1642 (cell), CE, IEC62133 & CB, KC, BIS