



Specifications

Lithium Power

Basic 24 V – 100 Ah

23-05-2022

ARTICLE NUMBER

40291205

Ion Power Basic 24 V - 100 Ah

TECHNICAL SPECIFICATIONS

Nominal voltage	24 V
Rated capacity	100 Ah
Energy	2560 Wh
Cycle life	>2000 cycles
Dimensions (LxWxH) mm	522 x 240 x 224 mm
Weight	29.6 kg
Terminal type	M8
Battery housing	ABS, UL-94V-0 (check)
Housing protection	IP56
CellType-chemistry	LiFePO4 Cylindrical Cell

CHARGE PARAMETERS

Charge Method	CC-CV (check)
Charge Voltage	14.4 ~ 14.8 V (check)
Recommended Float Voltage	13.8 V (check)
Recommended Charge Current	75 A (check)
Maximum Charge Current	100 A
BMS Charge Cut-off Voltage	15.6 V (check)

DISCHARGE PARAMETERS

Continuous Discharge Current	100 A
Peak Discharge Current	750 A (<10 seconds) (check)
Recommended Volt. Disconnect	10 V (check)
BMS Discharge Cut-off Voltage	8 V (check)
Reconnect Voltage	9.2 V (check)

Short Circuit Protection	200~600 us (check)
TEMPERATURE PARAMETERS	
Discharge Temperature	-20 to 60 C
Charge Temperature	0 to 45 C
Storage Temperature	-20 to 60 C
BMS High Temperature Cut-off	80 C (176 F) (check)
COMPLIANCE PARAMETERS	
Certifications	UL1642 (cell), CE, IEC62133 & CB, KC, BIS (check)