



Voltage: 51.2V | Capacity: 105Ah | Energy: 5376W

48V 105Ah

ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	105Ah
Bluetooth Enabled	Yes
Reserve @25A	252 min
Efficiency	99%
Self Discharge	1% per month
Cell count	16

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	21.7" x 9.8" x 10.4"
Weight	101.4±2.2lbs(46±1Kg)
Terminal Type	M8 Female
Terminal Material	Brass
Case Material	Powder Coated Steel
Enclosure Protection	IP65
Cell Type - Chemistry	Lithium Iron Phosphate

DISCHARGE SPECIFICATIONS

Max Continuous Current	200A
Peak Discharge Current Peak	400A (30s)
Instantaneous Current Low	550A (3s)
Recommend Voltage Cutoff	48V
BMS Voltage Cutoff	42.4V
BMS Voltage Recovery	46.4V
Discharge Temp Range	-10F to 140F

BLUETOOTH FEATURES

Voltage (overall and individual cell voltages)
Remaining Discharge Time
Remaining Charge Time
Current Amp Draw
Current Cell Temperature
Voltage of Individual Cells
Lifetime Power Cycles

CHARGE SPECIFICATIONS

Recommended Charge Current	20A
Max Charging Current	105aH
Bulk/Absorb Voltage	57V
Float Voltage	54V or Off
BMS High Voltage Cutoff	58.4V
Charging Temp. Range	32F to 130F

KEY FEATURES

BMS languages - CANbus
Sleep Mode
Fire Arrestor
Thick Steel Casing
10 Year Lifetime Warranty

SAFETY SPECIFICATIONS

ALL VISIBLE ON THE BLUETOOTH APP

Charging Freeze Protection	Yes, Under 32F
Pack Over-Voltage	Yes
Cell Balancing	Yes
Pack Under-Voltage	Yes
Cell Under-Voltage	Yes
Cell Over-Temp	Yes
Certifications	UL1642/ UL1973 (Cells) CE UN38.3 (Battery)
Shipping Classification	UN 3480 Class 9

DIMENSIONAL SPECIFICATIONS



See
Details
Below