



51-VOLT "MINI"

Voltage: 51.2V

Capacity: 105Ah



BOLT ENERGY USA
"GET ENERGIZED"

DATA SHEET

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	12.8''x12.01''x10.42''
Weight	100.8 lbs(45.7kg)
Terminal Type	M8*1.5*25mm
Cell Configuration	1P16S
Case Material	Powder Coated Steel
Enclosure Protection	Designed with Standard IP66
Cell Type - Chemistry	Prismatic- LiFePO4

ELECTRICAL SPECIFICATION

Nominal Voltage	51.2V
Working Voltage	43.2 - 58.4V
Recommended Voltage	48.0V - 57.0V
Nominal Capacity	105 Ah
Energy	5,376Wh
Capacity @ 25A	252 min
Efficiency	0.99
Self Discharge	<3% per Month

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	250 A
Peak Discharge Current	520A ± 15.6A (30S)
BMS Discharge Current Cut-Off	260 A ±A7.8A (50S) 520A ± 15.6A (30S)
BMS Discharge Voltage Cut-Off	40V
Recommended Low Voltage Disconnect	48.0V
BMS Reconnect Voltage	41.6V
Discharge Temperature	-4 to 149 °F (-20 to 65 °C)

CHARGE SPECIFICATIONS

Recommended Charge Current	5 - 52A
Maximum Input Current	350A
Charge Current Cut-off	375A
BMS Charge Voltage Cut-Off	58.5V
Reconnect Voltage	<58.5V
Charging Temp . Range	34F to 140F (0-60 °C)



COMMUNICATION

Bluetooth	Bluetooth receiver
CAN	CAN port for testing battery



51-VOLT "MINI"

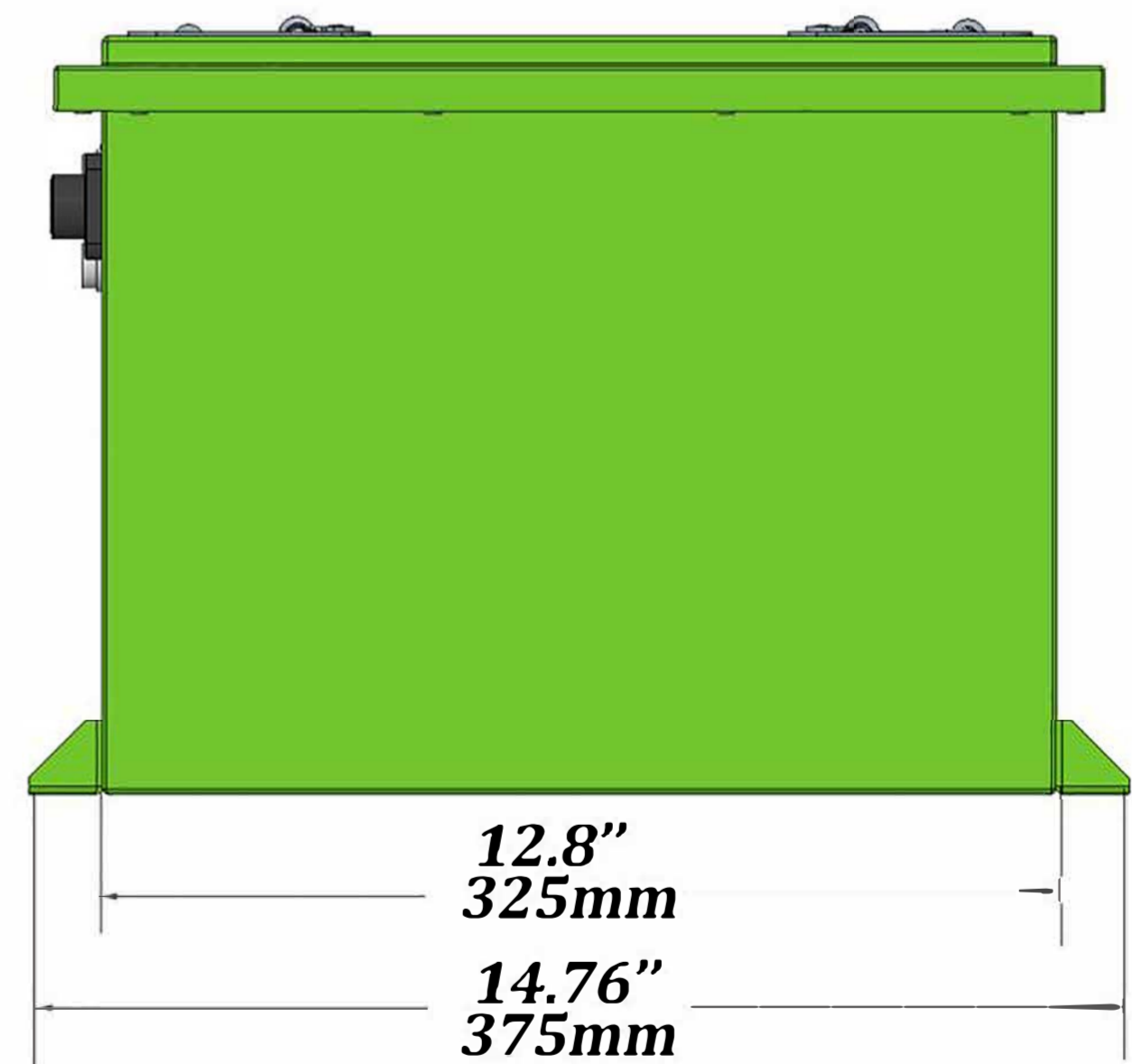
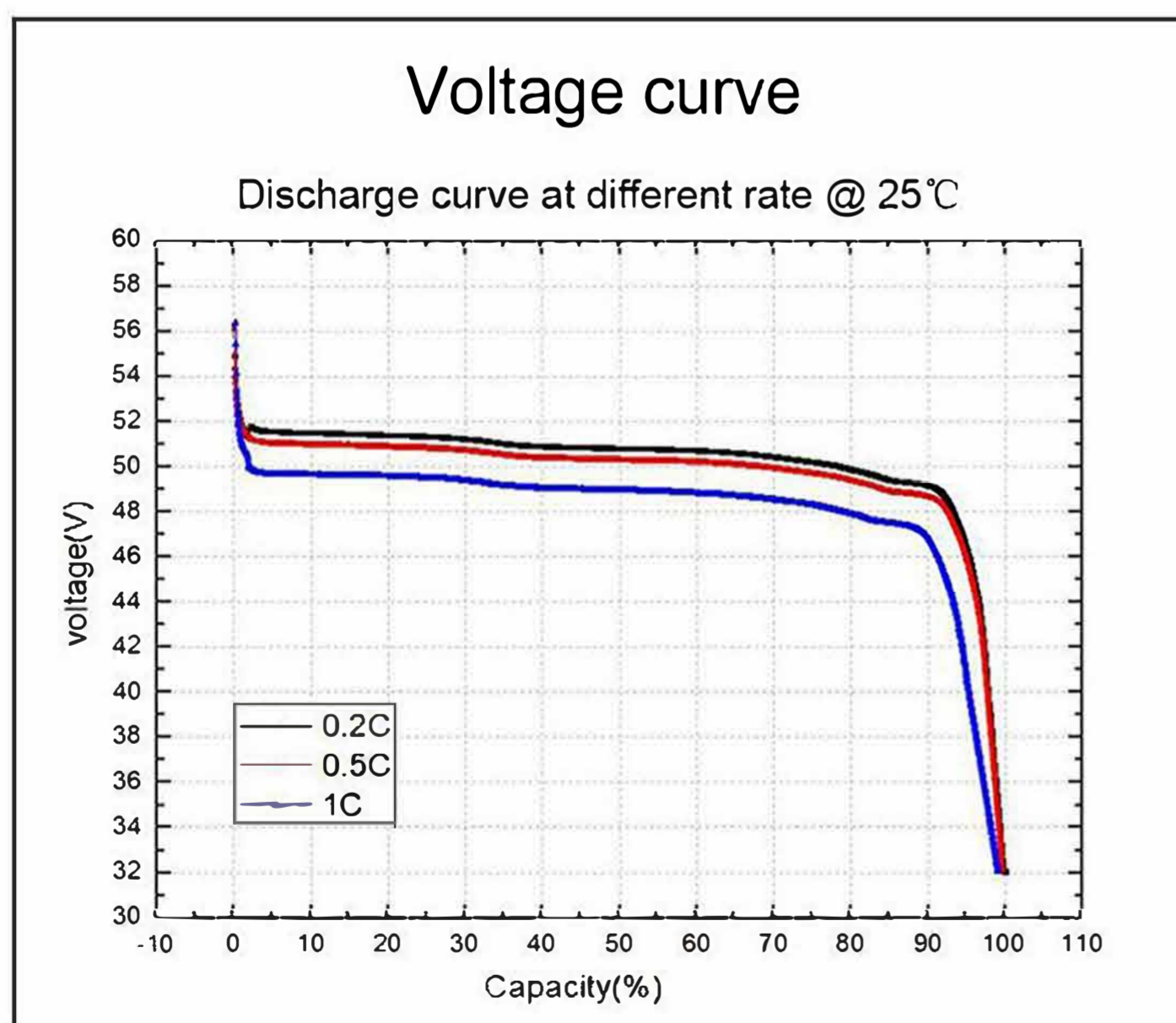
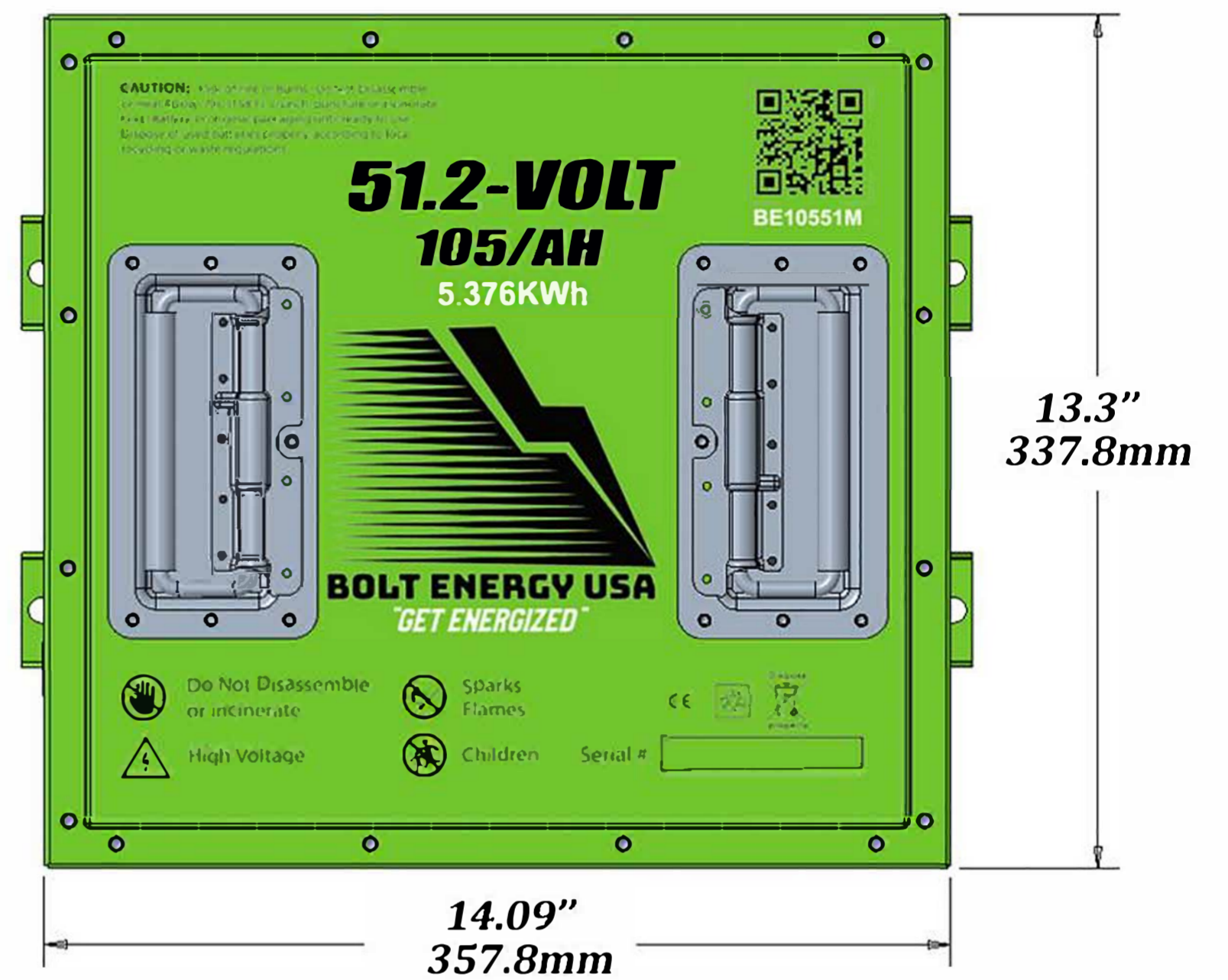
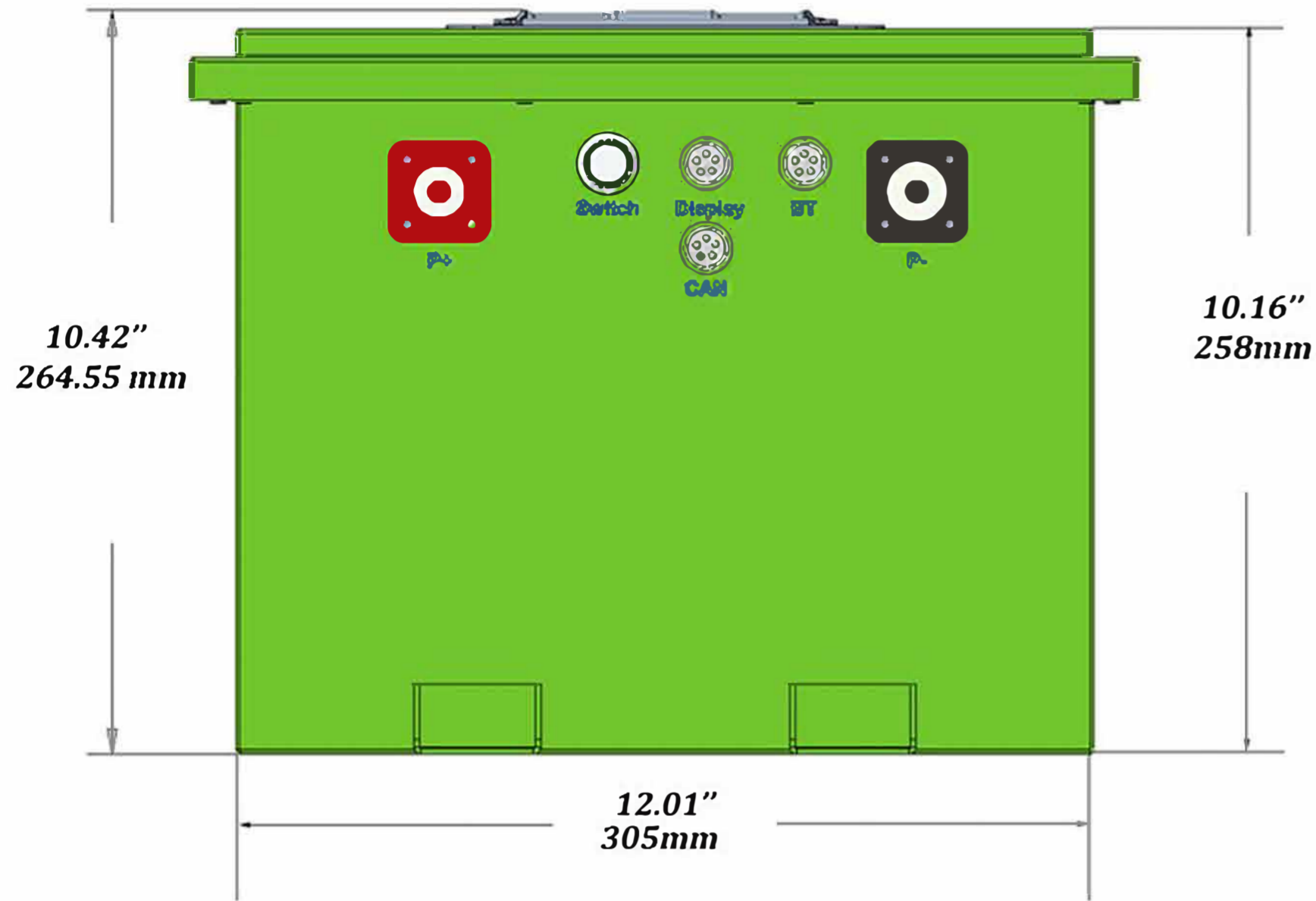
Voltage: 51.2V

Capacity: 105Ah



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"THIN"

Voltage: 51.2V

Capacity: 105Ah



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MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	20''x 8.43''x10.65''
Weight	105 lbs(47.63kg)
Terminal Type	M8*1.5*25mm
Cell Configuration	1P16S
Case Material	Powder Coated Steel
Enclosure Protection	Designed with IP66 Standard
Cell Type - Chemistry	Prismatic- LiFePO4

ELECTRICAL SPECIFICATION	
Nominal Voltage	51.2V
Working Voltage	43.2 - 58.4V
Recommended Voltage	48.0V - 57.0V
Nominal Capacity	105 Ah
Energy	5,376Wh
Capacity @ 25A	252 min
Efficiency	0.99
Self Discharge	<3% per Month

DISCHARGE SPECIFICATIONS	
Maximum Continuous Discharge Current	250 A
Peak Discharge Current	520A ± 15.6A (30S)
BMS Discharge Current Cut-Off	260 A ±A7.8A (50S) 520A ± 15.6A (30S)
BMS Discharge Voltage Cut-Off	40V
Recommended Low Voltage Disconnect	48.0V
BMS Reconnect Voltage	41.6V
Discharge Temperature	-4 to 149 °F (-20 to 65 °C)

CHARGE SPECIFICATIONS	
Recommended Charge Current	5 - 52A
Maximum Input Current	350A
Charge Current Cut-off	375A
BMS Charge Voltage Cut-Off	58.5V
Reconnect Voltage	<58.5V
Charging Temp . Range	34F to 140F (0-60 °C)



COMMUNICATION	
Bluetooth	Bluetooth receiver
CAN	CAN port for testing battery



"THIN"

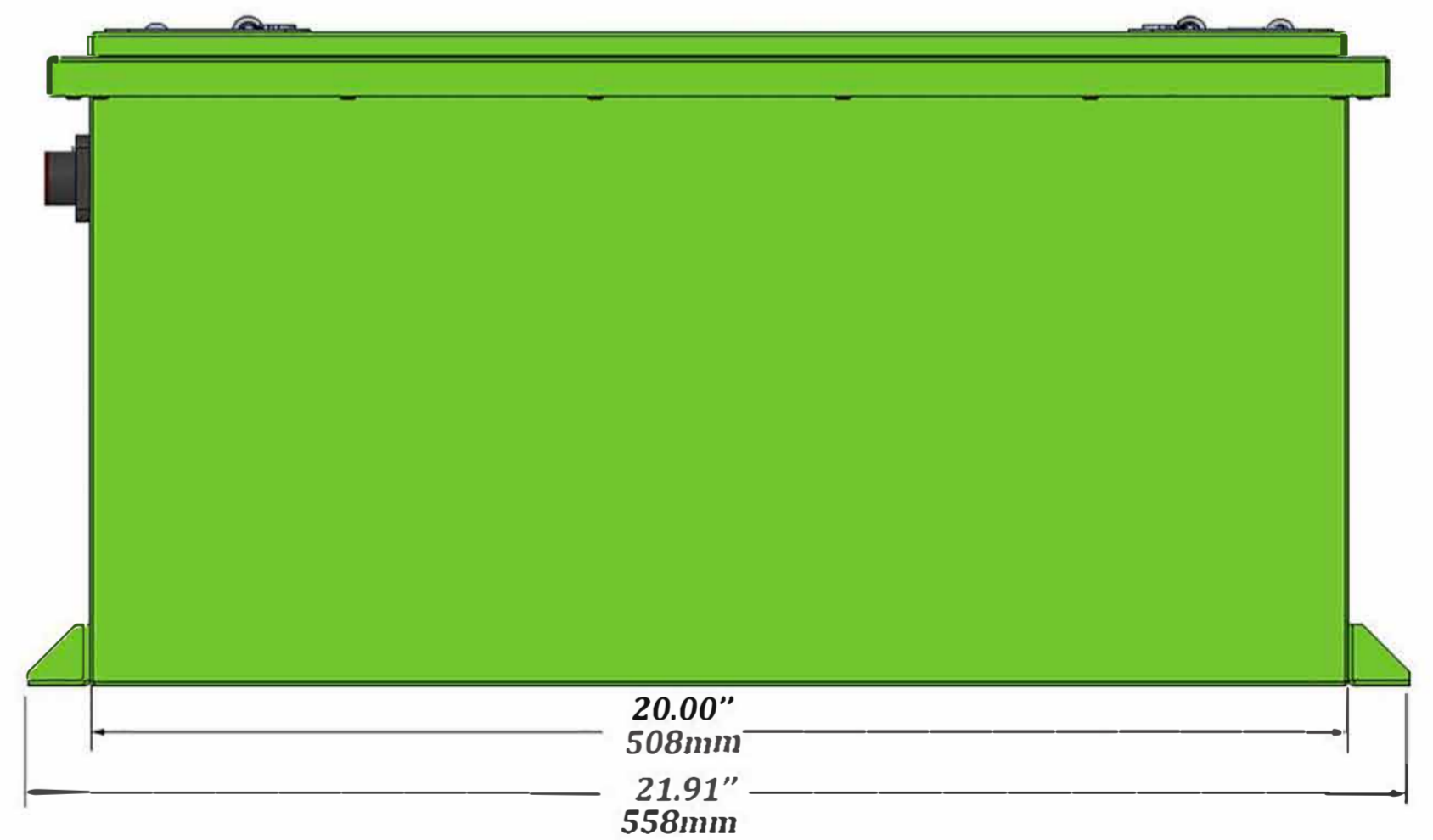
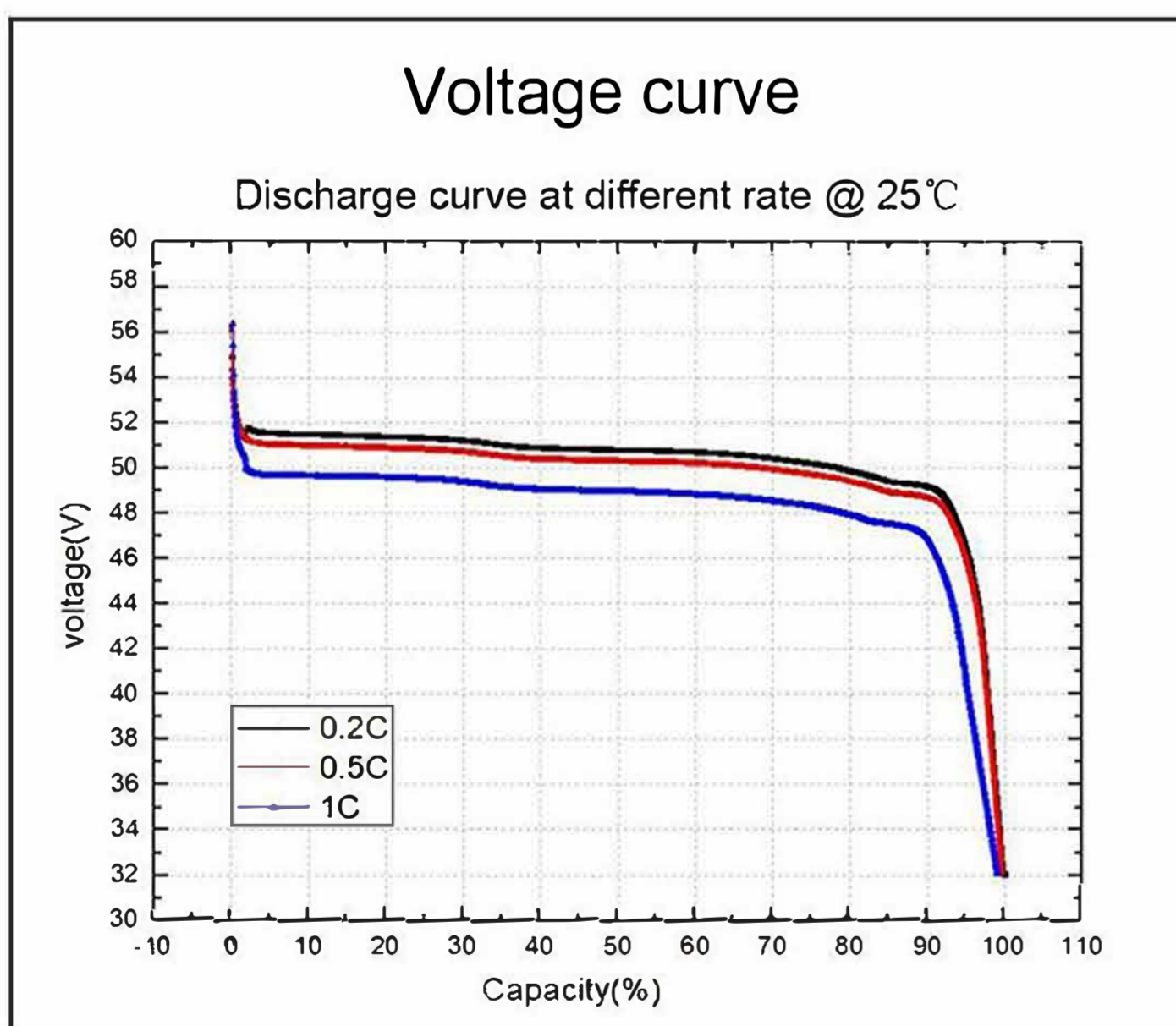
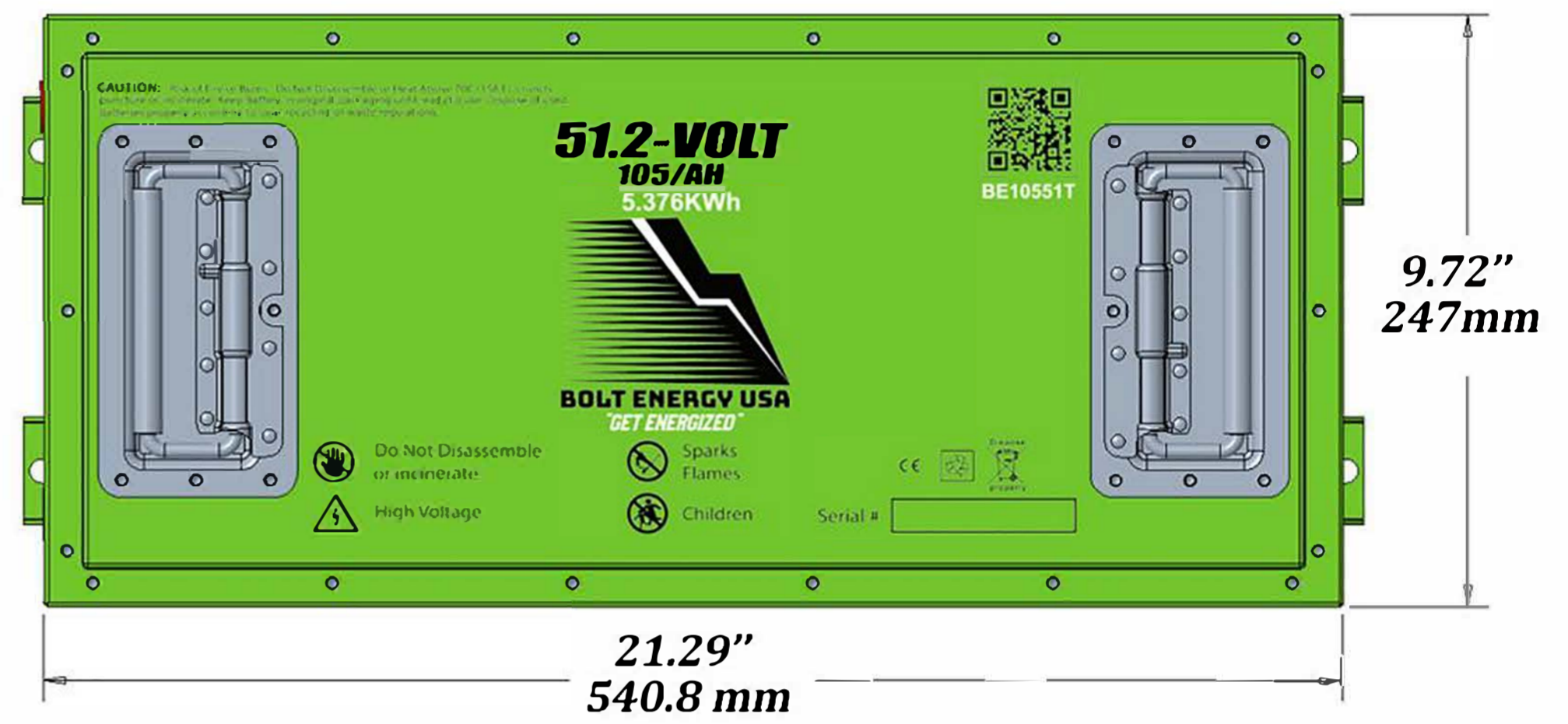
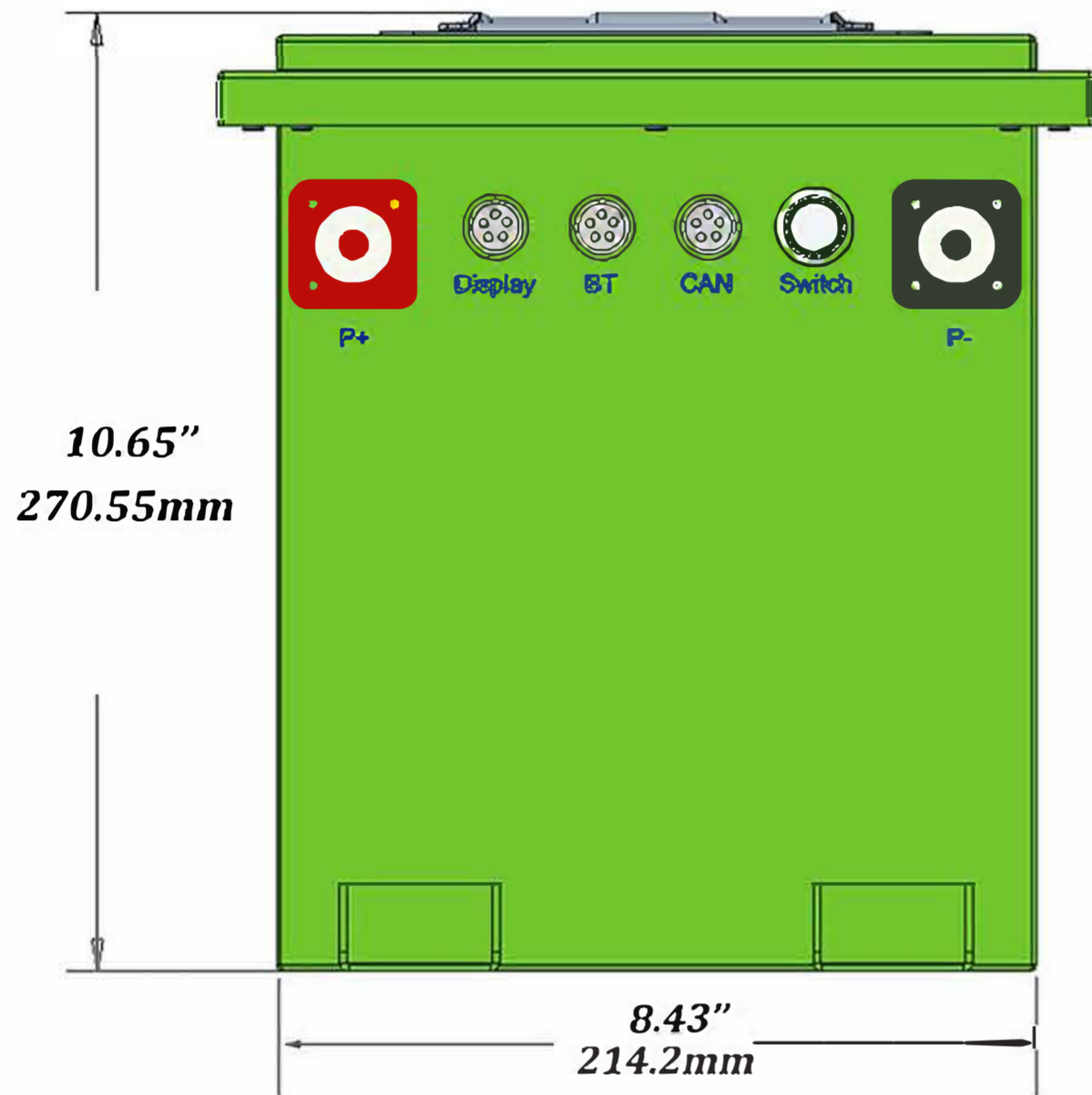
Voltage: 51.2V

Capacity: 105Ah



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51.2V 105Ah 5.376KWh



51-Volt "BIG"
Voltage: 51.2V
Capacity: 160Ah



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DATA SHEET

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	29.57''x 10.17''x 9.13''
Weight	153 lbs(69.4kg)
Terminal Type	M8*1.5*25mm
Cell Configuration	1P16S
Case Material	Powder Coated Steel
Enclosure Protection	Designed with IP66 Standard
Cell Type - Chemistry	Prismatic- LiFePO4

ELECTRICAL SPECIFICATION	
Nominal Voltage	51.2V
Working Voltage	43.2 - 58.4V
Recommended Voltage	48.0V - 57.0V
Nominal Capacity	160Ah
Energy	8,192Wh
Capacity @ 25A	384 min
Efficiency	0.99
Self Discharge	<3% per Month

DISCHARGE SPECIFICATIONS	
Maximum Continuous Discharge Current	250 A
Peak Discharge Current	520A ± 15.6A (30S)
BMS Discharge Current Cut-Off	260 A ±A7.8A (50S) 520A ± 15.6A (30S)
BMS Discharge Voltage Cut-Off	40V
Recommended Low Voltage Disconnect	48.0V
BMS Reconnect Voltage	41.6V
Discharge Temperature	-4 to 149 °F (-20 to 65 °C)

CHARGE SPECIFICATIONS	
Recommended Charge Current	5 - 52A
Maximum Input Current	350A
Charge Current Cut-off	375A
BMS Charge Voltage Cut-Off	58.5V
Reconnect Voltage	<58.5V
Charging Temp . Range	34F to 140F (0-60 °C)



COMMUNICATION	
Bluetooth	Bluetooth receiver
CAN	CAN port for testing battery

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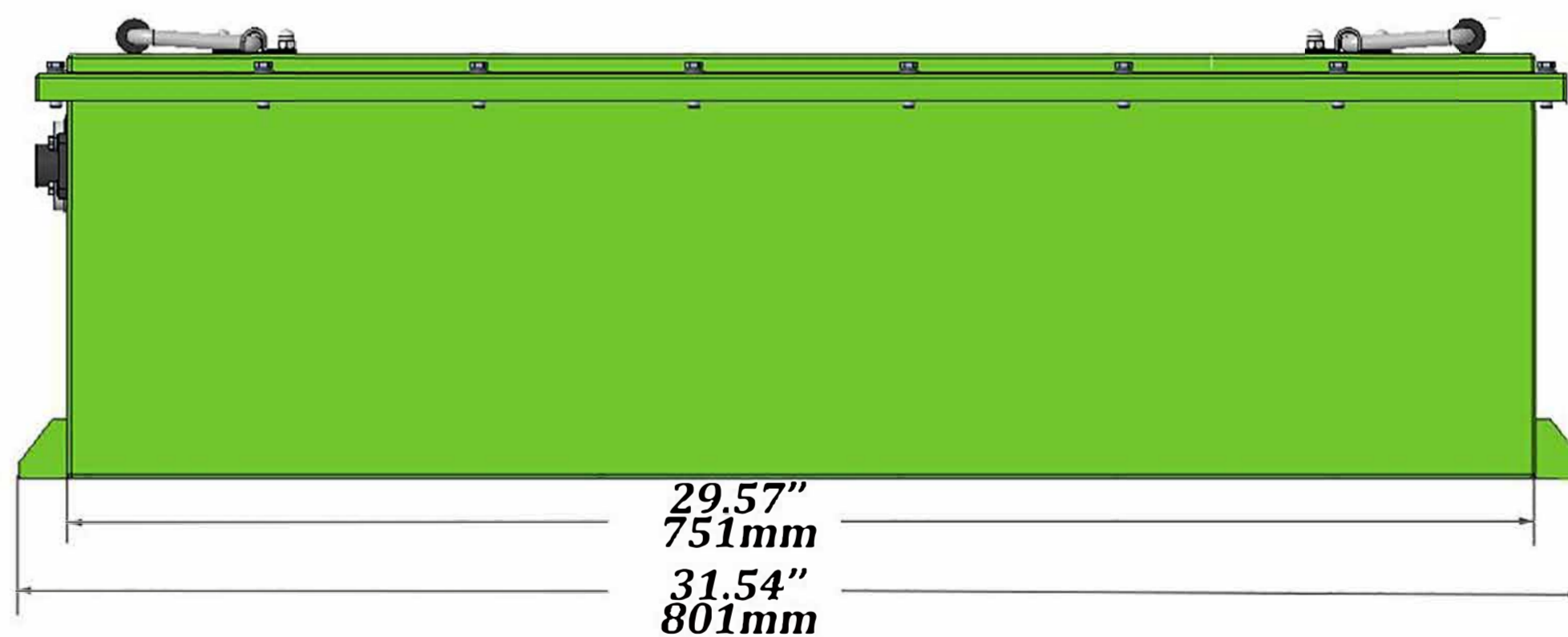
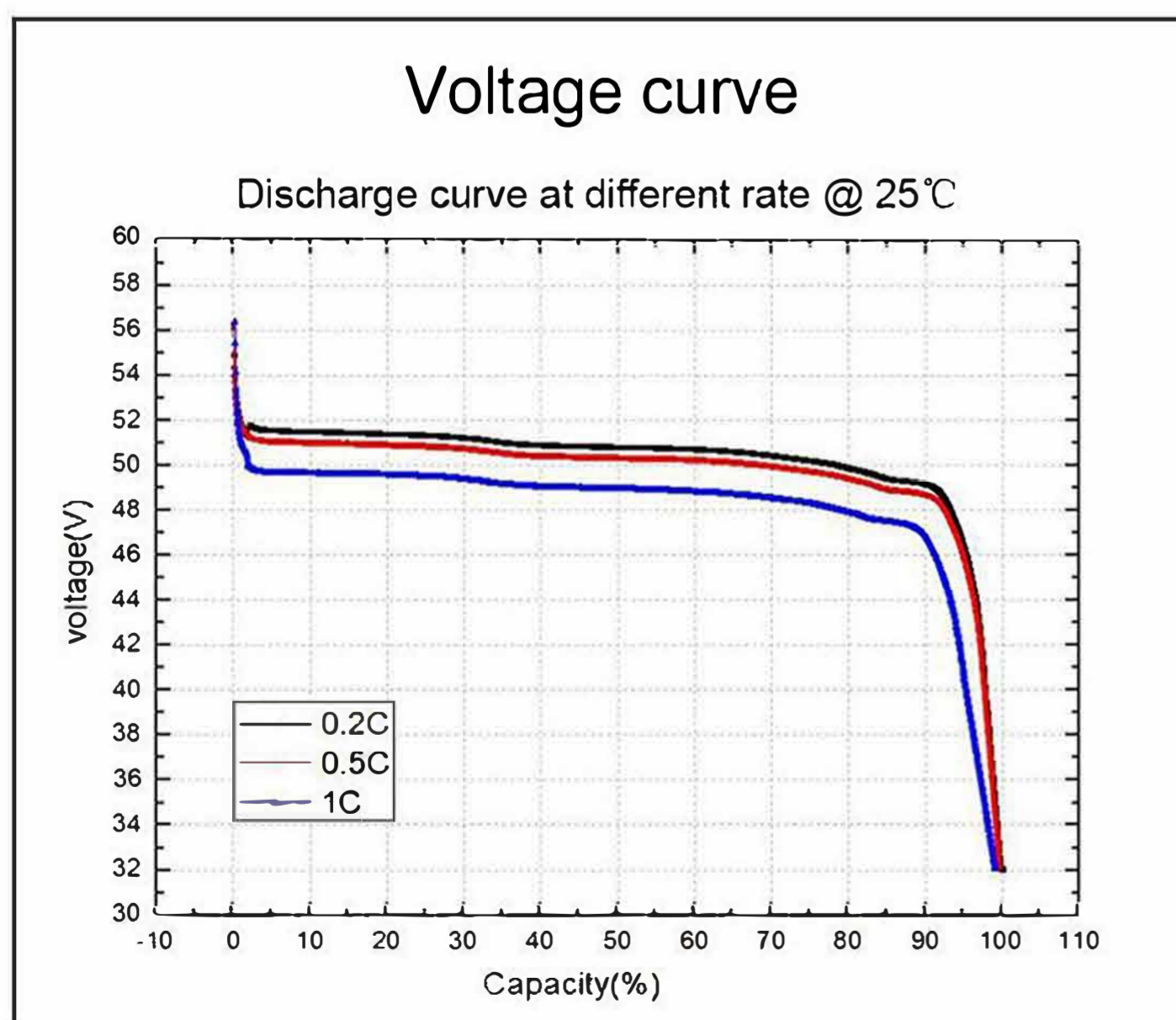
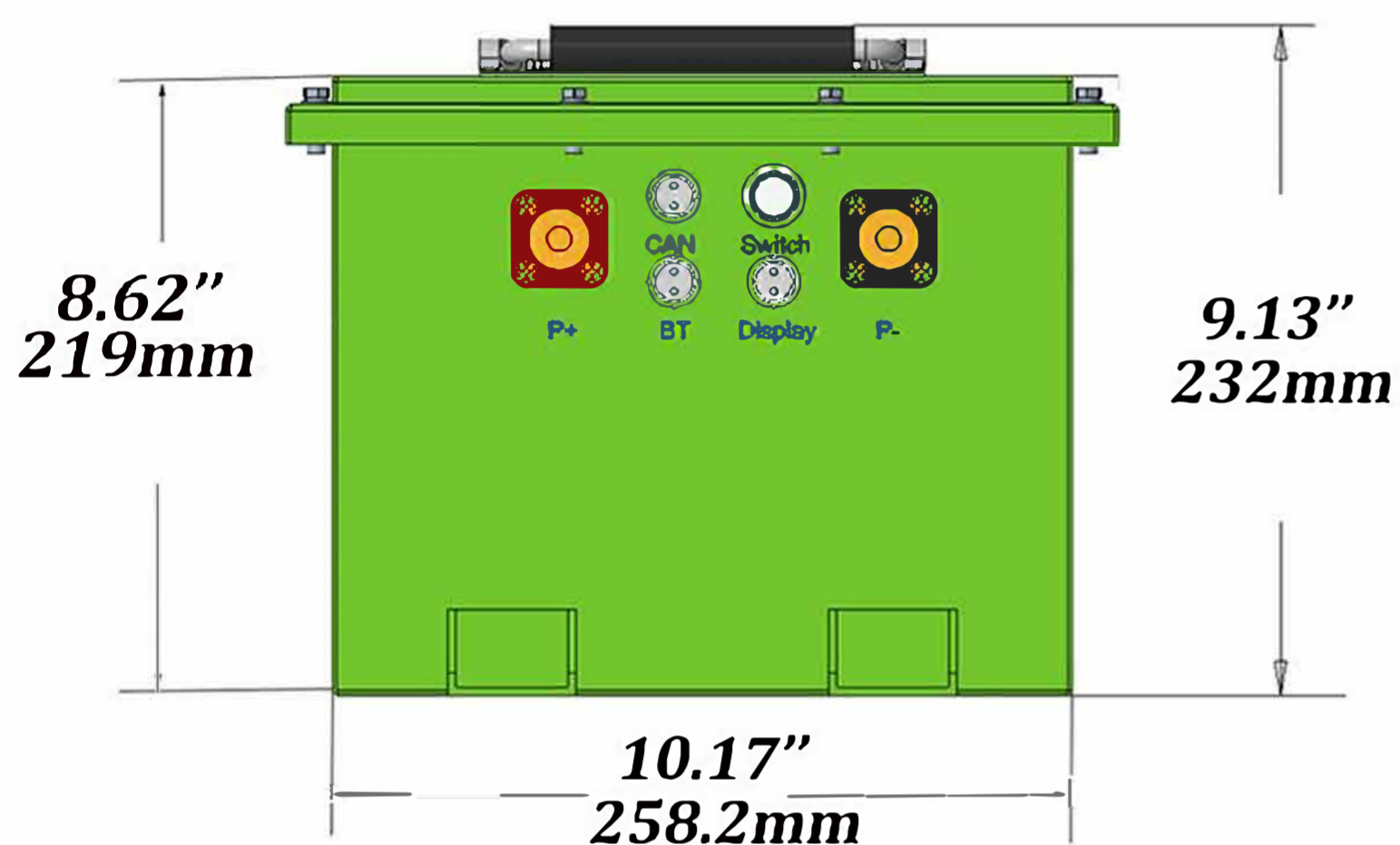


51-Volt "Big"
Voltage: 51.2V
Capacity: 160Ah



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DATA SHEET





"POWER"
Voltage: 73.6V
Capacity: 105Ah



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DATA SHEET

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	20.08''x10.75''x10.39''
Weight	137.26 lbs(62.26kg)
Terminal Type	M8*1.5*25mm
Cell Configuration	1P23S
Case Material	Powder Coated Steel
Enclosure Protection	Designed with IP66 Standard
Cell Type - Chemistry	Prismatic- LiFePO4

ELECTRICAL SPECIFICATION	
Nominal Voltage	73.6V
Working Voltage	62.0-83.95V
Recommended Voltage	69.0V - 81.93V
Nominal Capacity	105Ah
Energy	7,728 wh
Capacity @ 15A	420 Min.
Efficiency	0.99
Self Discharge	<3% per Month

DISCHARGE SPECIFICATIONS	
Maximum Continuous Discharge Current	250 A
Peak Discharge Current	520A ± 15.6A (30S)
BMS Discharge Current Cut-Off	260 A ±A7.8A (50S) 520A ± 15.6A (30S)
BMS Discharge Voltage Cut-Off	57.5V
Recommended Low Voltage Disconnect	69.0V
BMS Reconnect Voltage	60.0V
Discharge Temperature	-4 to 149 °F (-20 to 65 °C)

CHARGE SPECIFICATIONS	
Recommended Charge Current	5 - 52A
Maximum Input Current	350A
Charge Current Cut-off	375A
BMS Charge Voltage Cut-Off	84V
Reconnect Voltage	< 84V
Charging Temp . Range	34F to 140F (0-60 °C)



COMMUNICATION	
Bluetooth	Bluetooth receiver
CAN	CAN port for testing battery

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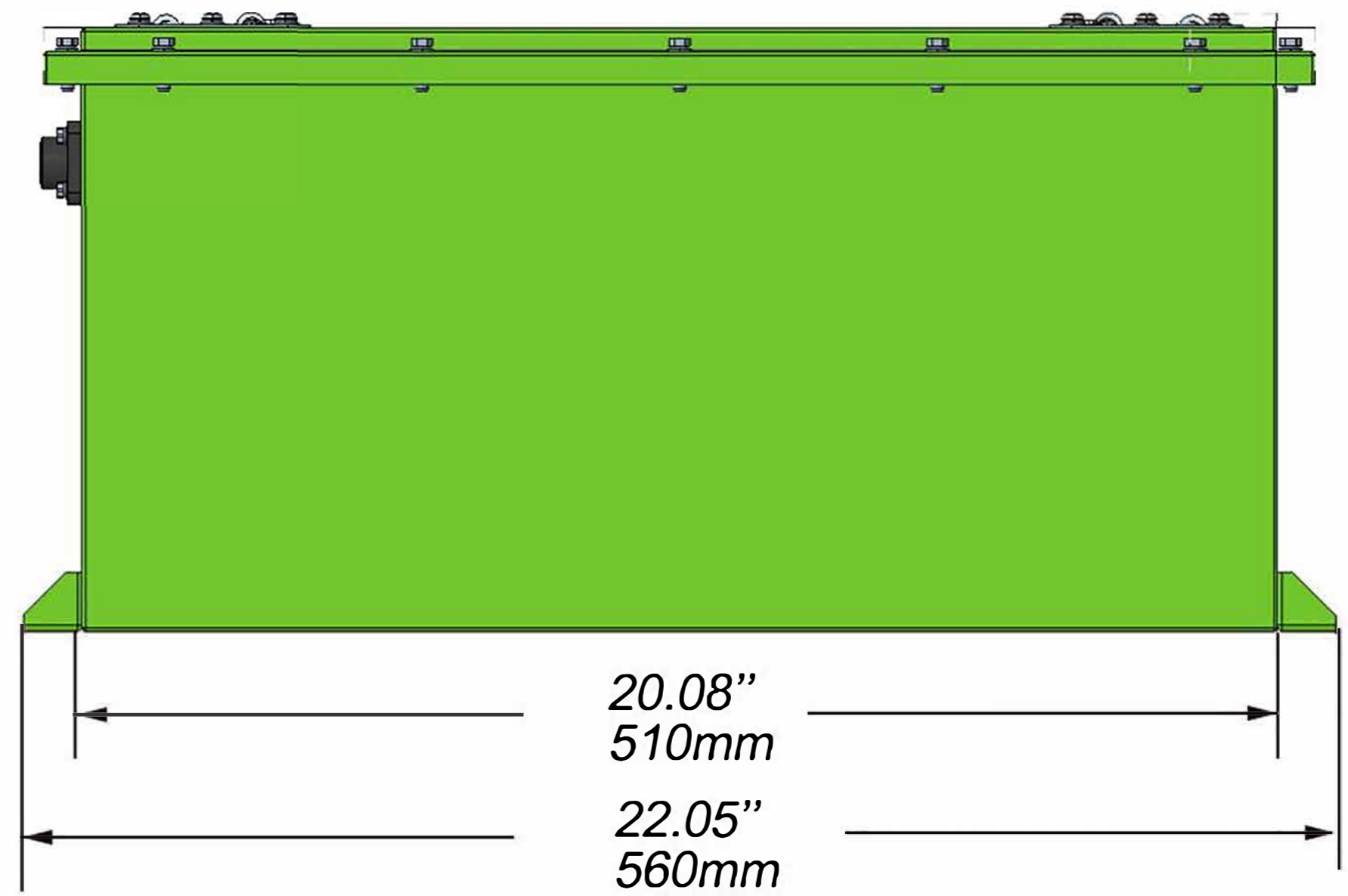
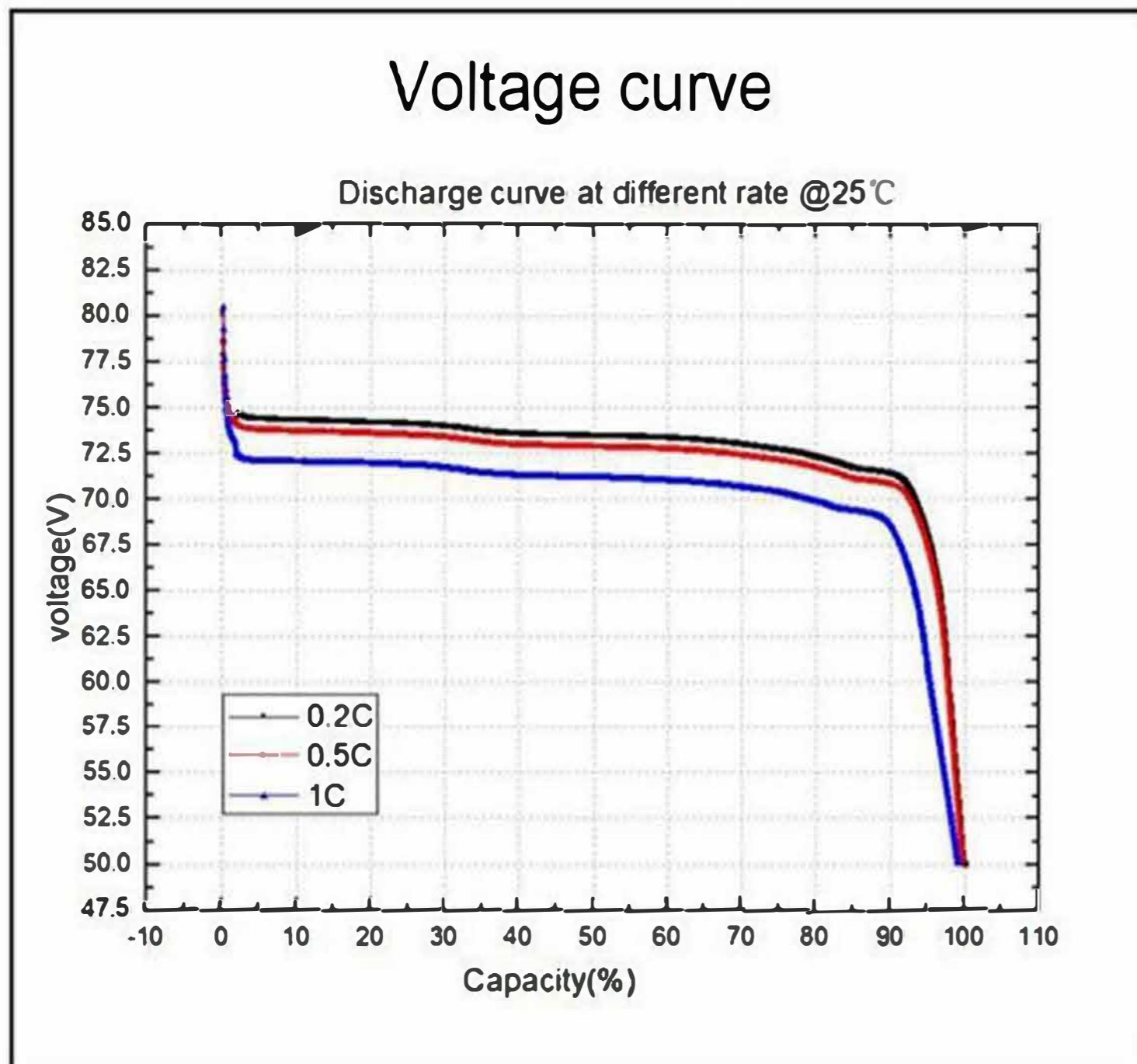
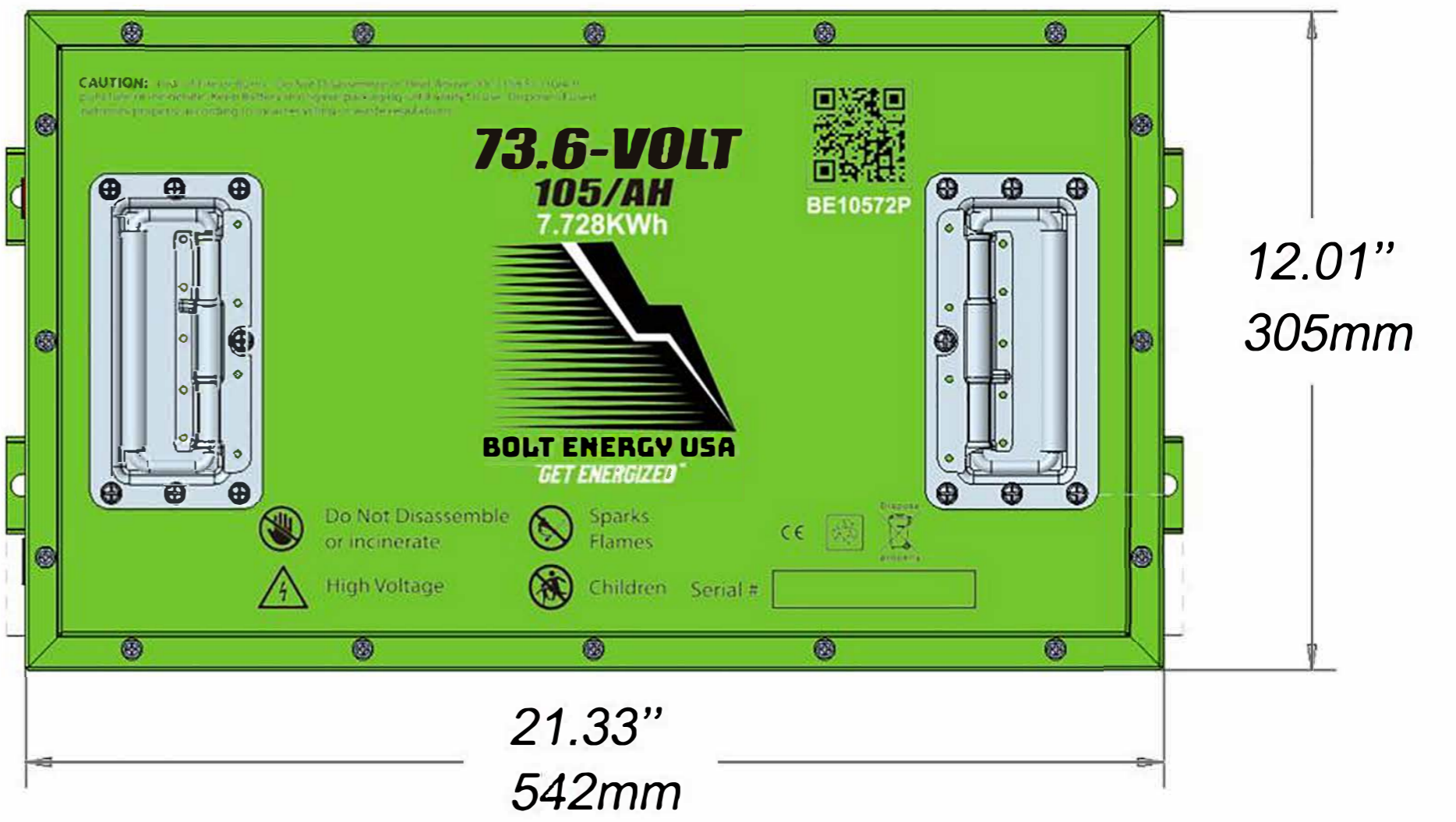
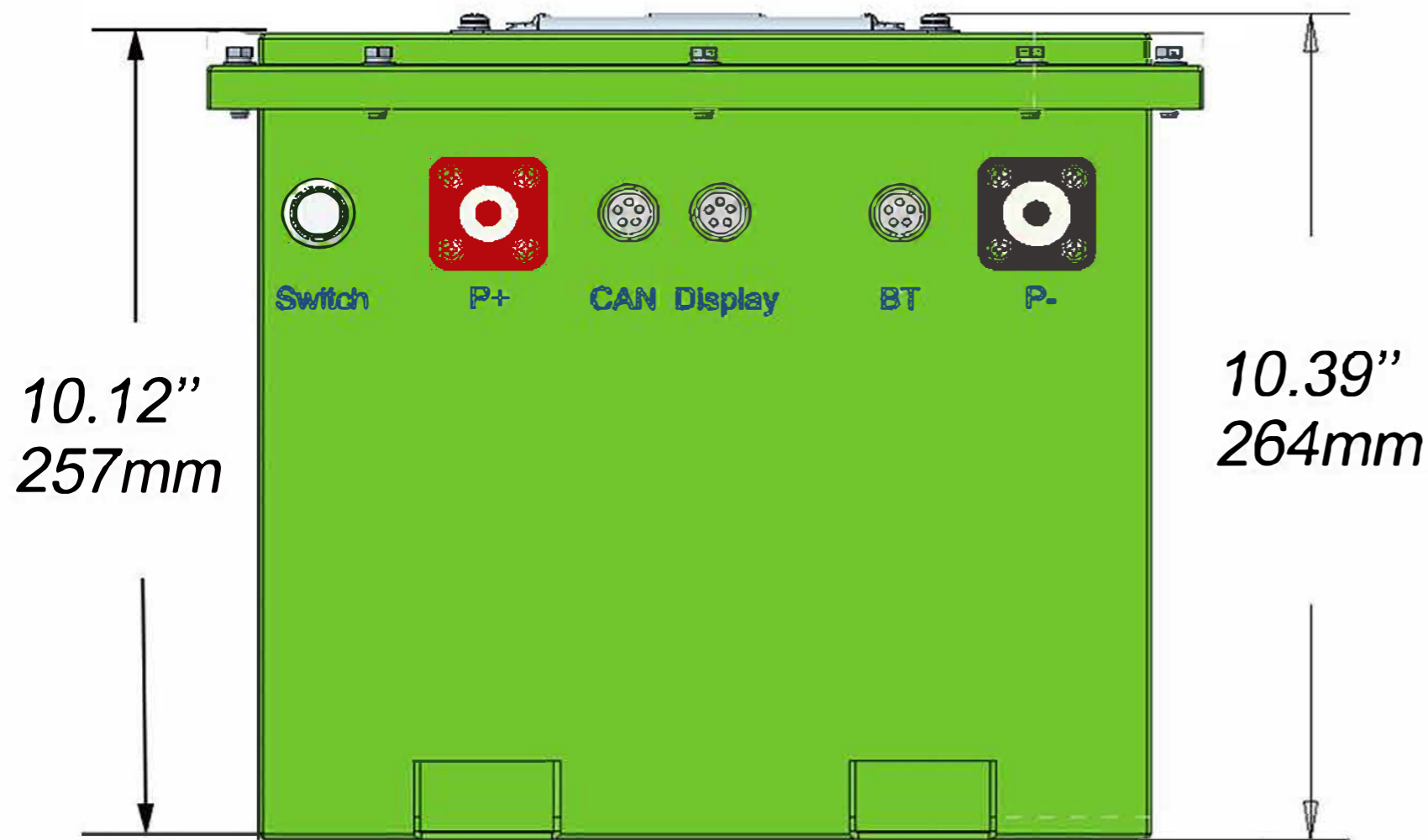


"POWER"
Voltage: 73.6V
Capacity: 105Ah



BOLT ENERGY USA
"GET ENERGIZED"

DATA SHEET





38-VOLT "MINI"

Voltage: 38.4V

Capacity: 105Ah



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DATA SHEET

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	11.14''x 10.58''x10.67''
Weight	77.27 lbs(35.05kg)
Terminal Type	M8*1.5*25mm
Cell Configuration	1P16S
Case Material	Powder Coated Steel
Enclosure Protection	Designed with IP66 Standard
Cell Type - Chemistry	Prismatic- LiFePO4

ELECTRICAL SPECIFICATION	
Nominal Voltage	38.4V
Working Voltage	32.4-43.8V
Recommended Voltage	36V-42.6V
Nominal Capacity	105 Ah
Energy	4.032KWh
Capacity @ 25A	252 Min.
Efficiency	0.99
Self Discharge	<3% per Month

DISCHARGE SPECIFICATIONS	
Maximum Continuous Discharge Current	250 A
Peak Discharge Current	520A ± 15.6A (30S)
BMS Discharge Current Cut-Off	260 A ±A7.8A (50S) 520A ± 15.6A (30S)
BMS Discharge Voltage Cut-Off	30.0V
Recommended Low Voltage Disconnect	36.0V
BMS Reconnect Voltage	31.2V
Discharge Temperature	-4 to 149 °F (-20 to 65 °C)

CHARGE SPECIFICATIONS	
Recommended Charge Current	5 - 52A
Maximum Input Current	350A
Charge Current Cut-off	375A
BMS Charge Voltage Cut-Off	43.8V
Reconnect Voltage	<43.8V
Charging Temp . Range	34F to 140F (0-60 °C)



COMMUNICATION	
Bluetooth	Bluetooth receiver
CAN	CAN port for testing battery



38-VOLT "MINI"

Voltage: 38.4V

Capacity: 105Ah



BOLT ENERGY USA
"GET ENERGIZED"

DATA SHEET

