

Voltage: 51.2V

CAPACITY: 30Ah

ENERGY: 1440W

48V 30Ah

ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	30Ah
Capacity @ 25A	72 min
Resistance	<30mΩ @ 50% SOC
Efficiency	99%
Self Discharge	3-5% when disconnected
Maximum Modules in Parallel	6 - 8

DISCHARGE SPECIFICATIONS

Maximum Continuos Discharge Current	30A
Peak Discharge Current	60A (10s)
BMS Discharge Current Cut - Off	< 105A±2A;≤ 1S
Recommended Low Voltage Disconnect	40V (2.5V)
BMS Discharge Voltage Cut-Off	32V(2.0±0.08 vpc)
Reconnect Voltage	36.8V (2.3±0.1 vpc)
Short Circuit Protection	200 - 500 mS

ELECTRICAL SPECIFICATIONS

Discharge Temperature	51.2V
Charge Temperature*	30Ah
Storage Temperature	72 min
BMS High Temperature Cut-Off	<30mΩ @ 50% SOC
Reconnect Temperature	99%

MECHANICAL SPECIFICATIONS

Dimensions(L x W x H)	10.2" x 7" x 9.75"
Weight	38 lbs
Terminal Type	M8
Terminal Material	Brass
Case Material	ABS
Enclosure Protection	IP54
Cell Type - Chemistry	Cylindrical - LiFe P04

ELECTRICAL SPECIFICATIONS

Recommended Charge Current	7.5A - 15A
Maximum Charge Current	30A
Charge Current 14 to 32F (-10° to 0°C)	<0.1°C
Charge Current -4 to 14F (-20° to 0°C)	<0.05°C
Recommended Charge Voltage	40V - 59.2V
BMS Charge Voltage Cut- Off	62.4V (3.9± 0.05 vpc)
Reconnect Voltage	61.6V (3.85± 0.05vpc)
Balancing Voltage	56.8V (3.55 ± 0.025vpc)

COMPLIANCE SPECIFICATIONS

Certifications	UL 1642 IEC62133 (Cells) UN38.3(Battery)
Shipping Classification	UN 3480, CLASS 9

DIMENSIONAL SPECIFICATIONS



Replacement

For

Lead

Acid

Battery

LTT - LAR4830P3

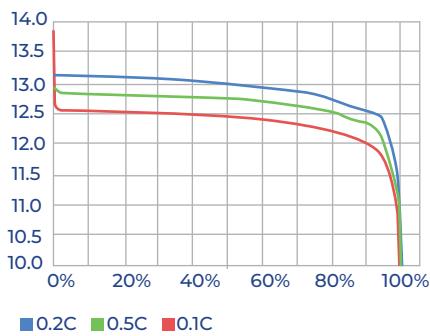
(51.2V30Ah)

Dimensions

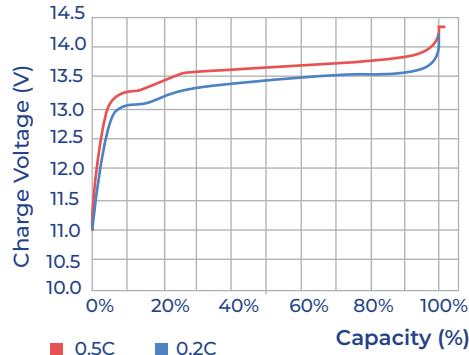


Characteristic Curves

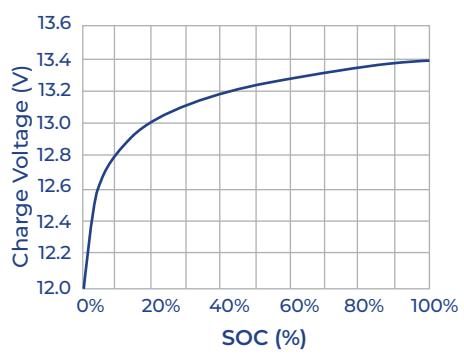
Different Ratio Discharge Curve @20°C



Charge Curve Of Different Current @25°C



Open Circuit Voltage VS SOC %@25°C



Market Application



Autos
Eléctricos



Carrito
de Golf



Marinas



Hogar



Electrónicos



Solar



VideoJuegos



Eólica

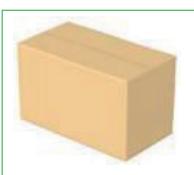


RV Camping



Low Speed
Car

Market Application



Packing

Weight: 13.2 kg/Carton

Size (L x W x H): 355 x 195 x 250mm

Quantity: 1PCS/ Carton



Pallet

Weight: 965 kg/Pallet

Size (L x W x H):

1.2 x 0.8 x 1.63 m ≈ 1.56 CBM

Quantity: 7.2 Carton/Pallet