

QSRV500

Thin Tube Carbon Lead Battery



Performance characteristics

Nominal Voltage	2V
Number of cells	1
Design Life	20 years
Nominal Capacity 25°C (77°F) 10 hour rate (50A, 1.8V)	500Ah
Self-Discharge 2% of capacity declined per month at 25°C (average)	
Operating Temperature Range	-40~55°C
Charge Methods: Constant Voltage Charge 25°C (77°F) Cycle use Standby use Temperature compensation	2.40V 2.25V ± 1% -5.0mV/°C/Cell
Terminal Torque	23Nm

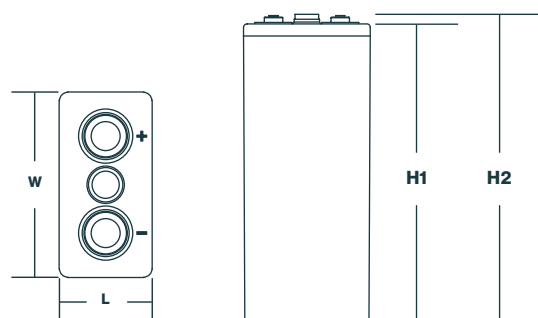
Features

Maintenance free
High Round trip Efficiency
Ultra Fast recharge X3
High Discharge Rate Capabilities
High Cycle Life And PSOC Compatible
Very Long design life and Shelf Life
Wide Operating temperature range

Dimensions and weight

Length	166mm	6.5in
Width	206mm	8.1in
Height over lid	471mm	18.5in
Height over pillar	484mm	19.1in
Weight	38.9kg	86lb

NOTE: There is a tolerance of +/-5%.



Applications

Grid Storage / Electrification
Energy Storage
Mini Grid
Peak Shaving & Frequency Regulation
Data Centers
UPS
Oil & Gas