

# QSRV1000

## Thin Tube Carbon Lead Battery



### Performance characteristics

Nominal Voltage	2V
Number of cells	1
Design Life	20 years
<b>Nominal Capacity 25°C (77°F)</b> 10 hour rate (100A, 1.8V)	1000Ah
<b>Self-Discharge</b> 2% of capacity declined per month at 25°C (average)	
<b>Operating Temperature Range</b>	-40~55°C
<b>Charge Methods: Constant Voltage Charge 25°C (77°F)</b>	
Cycle use	2.40V
Standby use	2.25V ± 1%
Temperature compensation	-5.0mV/°C/Cell
<b>Terminal Torque</b>	23Nm

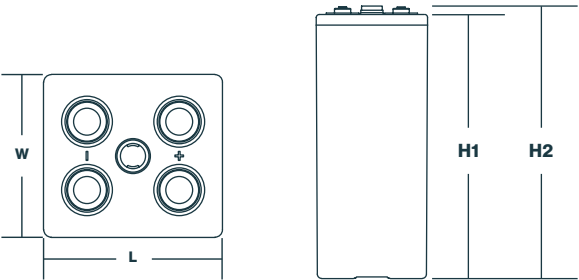
### Features

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	210mm	8.27in
Width	233mm	9.17in
Height over lid	646mm	25.4in
Height over pillar	659mm	25.9in
Weight	73.6kg	162lb

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



### Applications

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