

# QSRV800

## 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><br>10 hour rate (80A, 1.8V)  | 800Ah                                 |
| <b>Self-Discharge</b><br>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><br>Cycle use<br>Standby use<br>Temperature compensation | 2.40V<br>2.25V ± 1%<br>-5.0mV/°C/Cell |
| <b>Terminal Torque</b>   | 23Nm                                  |

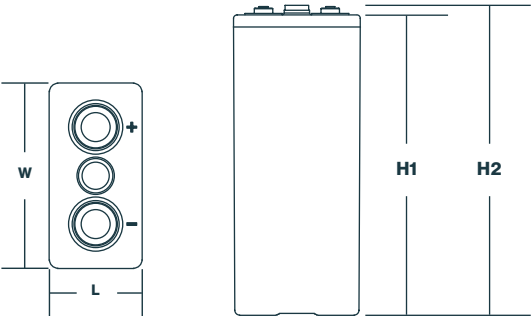
### Features

|                                      |
|--------------------------------------|
| 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

|                           |        |        |
|---------------------------|--------|--------|
| <b>Length</b>             | 210mm  | 8.27in |
| <b>Width</b>              | 191mm  | 7.5in  |
| <b>Height over lid</b>    | 644mm  | 25.4in |
| <b>Height over pillar</b> | 657mm  | 25.9in |
| <b>Weight</b>             | 61.4kg | 135lb  |

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



### Applications

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