

QSRV2500

Thin Tube Carbon Lead Battery



Performance characteristics

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|--|----------------|
| Nominal Voltage | 2V |
| Number of cells | 1 |
| Design Life | 20 years |
| Nominal Capacity 25°C (77°F) | |
| 10 hour rate (250A, 1.8V) | 2500Ah |
| 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 | 2.40V |
| Standby use | 2.25V ± 1% |
| Temperature compensation | -5.0mV/°C/Cell |
| Terminal Torque | 23Nm |

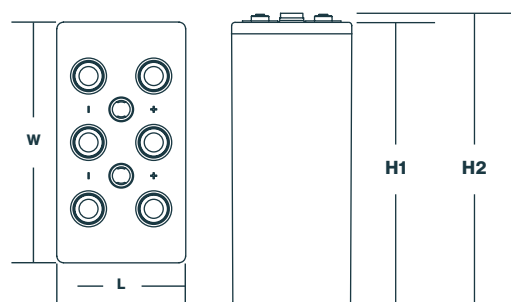
Features

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|--------------------------------------|
| 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 | 214mm | 8.43in |
| Width | 399mm | 15.7in |
| Height over lid | 771mm | 30.4in |
| Height over pillar | 784mm | 30.9in |
| Weight | 162.5kg | 358lb |

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



Applications

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