RESERVE POWER

Eternity TECHNOLOGIES

QSRV Range

Thin Tube Lead Carbon Battery

QUASAR

HIGH ENERGY ON DEMAND™

QUASAR™ Thin Tube Lead Carbon Battery - High Energy On Demand

With an extensive product range available, Eternity Technologies prides itself on world-class product design, production processes, technical development, cost structure and global location.

Eternity Technologies ongoing commitment to delivering industry leading product, at the cutting edge of product development delivers QUASAR Thin Tube Lead Carbon Battery.

QUASAR Carbon Nano Thin Tube technology delivers greater charge acceptance and longer life versus conventional lead acid batteries.

Developed by Eternity Technologies, QUASAR utilises industry leading Carbon Nano Thin Tube technology to deliver enhanced consistency of performance, improved charge acceptance and increased cycle life.

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**

Applications:

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

For I&O&M please visit www.eternitytechnologies.com

Compliant with IEC60896-21/22/IEC61427

Recyclable

QUASAR™ Thin Tube Lead Carbon Technology

1. Positive plate

Positive plate with Thin Tube technology...

The QUASAR positive plate consists of 24 thin tubes (vs 18 in conventional lead acid tubular positive plates). This results in better high rate discharge performance and greater energy density which equates to increased power and longer running times

2. Negative plate

Negative plate made with Carbon Nanotube (CNT) Technology...

CNT (Carbon Nanotube) Technology is a modern alternative to activated carbon / Graphene. Carbon Nanotubes increase the negative plates fast charge capability. The Carbon Nanotubes work as conductors to the charging current and accepts charge easily with little resistance

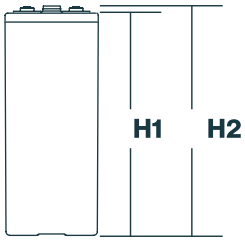
Enhanced consistency of performance	Improved charge acceptance & discharge performance	Increased cycle life	Partial State of Charge Operations (PSOC)	Improved Thermal Operational Ranges

QSRV Specifications...

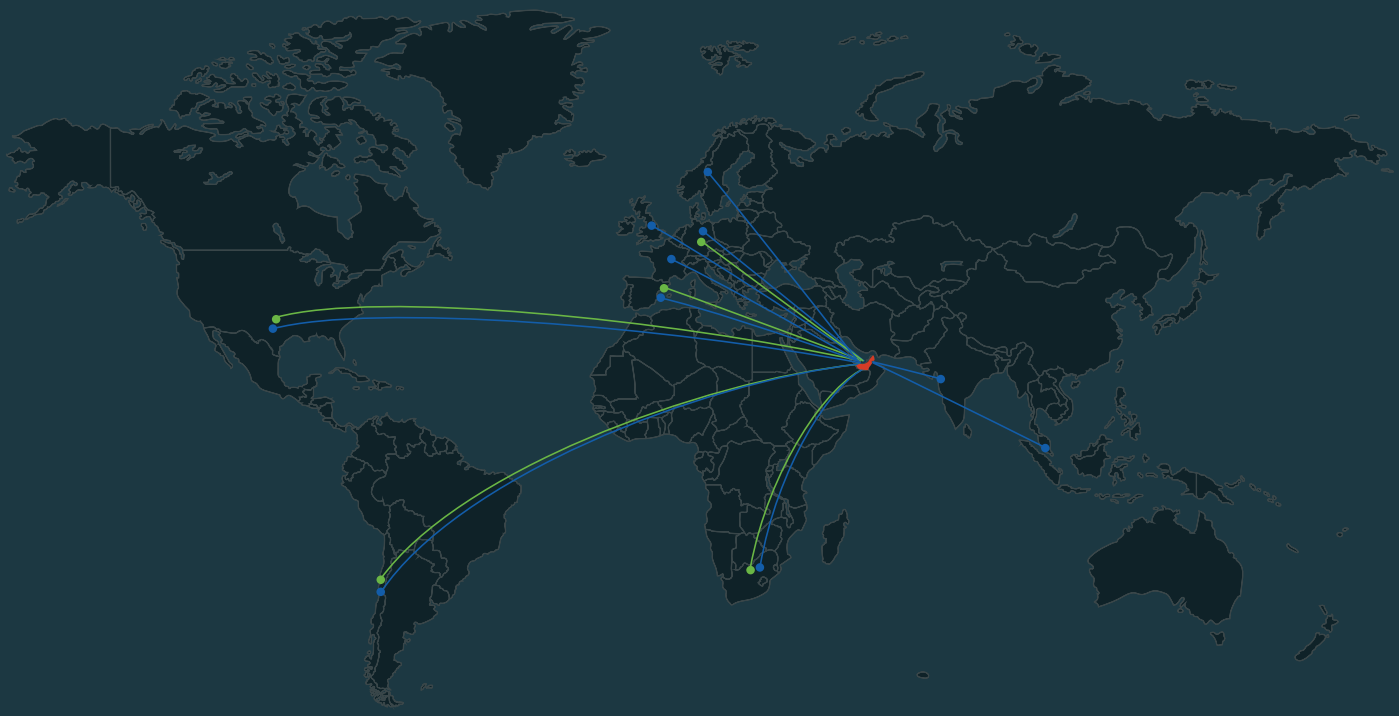
Cell Type	Max. Length (mm)	Max. Width (mm)	Max. Height over lid (mm)	Max. Height over pillar (mm)	Typical max weight (kg)	Capacity (Ah) C10 - 1.80V Cell at 25°C
QSRV500	168	208	475	490	38.9	500
QSRV800	215	193	650	665	61.4	800
QSRV1000	215	235	650	665	73.6	1000
QSRV1200	215	235	650	665	79.7	1200
QSRV1500	215	277	800	815	106.2	1500
QSRV2000	215	400	775	790	144.4	2000
QSRV2500	215	400	775	790	162.5	2500
QSRV3000	215	490	775	790	197.8	3000
QSRV3500	215	580	775	790	228.1	3500
QSRV3750	215	580	775	790	231.5	3750

H1: Height over lid
H2: Height over pillar
M10 threaded terminal
Torque: 23Nm

Not to scale



A global leader in the industrial battery market providing world-class products for Motive Power and Reserve Power applications.



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PRELIMINARY:ET/NP QUASAR QSRV V3 1224