RESERVE POWER

QUASAR

Top Terminal VRLA Battery



Eternity Technologies QUASAR VRLA Top Terminal Batteries (6–12V Blocs) are engineered with advanced **Carbon Nanotube** technology (CNT). These batteries deliver high charge acceptance, extended cycle life, and reliable performance for standby power applications.

The innovative design ensures consistent operation, improved energy efficiency, and dependable backup power for critical systems.

Positive & negative plate

Advanced flat plate technology using lead calcium tin alloy which ensures low self discharge rates and low float currents

Pressure release valve

The valve is designed to open at a specific pressure to ensure that hydrogen gas can be released safely. Central degassing function available

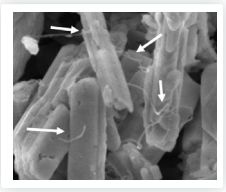
Electrolyte

Silica-based-gel-form electrolyte that has no water loss and therefore maintenance free

Separator

High-porosity and corrosion-resistant ensures maximum capacity for the lifetime of the cell

Carbon Nanotube Technology



Eternity Technologies uses a patented Carbon Nanotube solution which creates a network of individual nanotubes.

This allows for electrons to flow with minimal resistance resulting in greater charge / discharge performance therefore reducing operating temperatures.

Resulting in:

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

Features

VRLA Maintenance Free Battery

Carbon Nano Tube Technology for Higher Charge Acceptance

EUROBAT 2015 classification: >12 years – very long life

Designed in accordance with IEC 60896-21/22

Trouble-free transportation without restrictions for most rail, road, sea, and air transport (IATA, DGR clause A67)

Manufactured in our ISO 9001/ISO 50001 certified production facilities

Applications

Utility

UPS

Emergency & Security

Telecom

Datacenter

Compliant with: IEC 60896-21/22

Recyclable

Battery Specifications

Type	Voltage	Capacity (Ah) C8 1.75VPC 20°C	Capacity (Ah) C10 1.80 VPC 20°C	Length (in/mm)	Width (in/mm)	Height (in/mm)	Weight (lbs /kg)	Layout	Short Circuit Current (A)	Internal Resistance (mΩ)	Terminal
EQ-6V195	6	176	189	10.25 / 260	7.08 / 180	10.16 / 258	72 / 33	A	2635.0	2.36	M8
EQ-6V200	6	180	192	9.57 / 243	7.36 / 187	10.79 / 274	71 / 32	B	2750.0	2.26	M8
EQ-6V260	6	239	256	11.89 / 302	7.00 / 178	13.62 / 346	99 / 45	C	3272.5	1.87	M8
EQ-6V310	6	282	302	11.89 / 302	7.01 / 178	15.94 / 405	117 / 53	C	3354.3	1.85	M10
EQ-12V60	12	53	58	10.00 / 254	6.61 / 168	6.89 / 175	43 / 19.5	D	1265.0	9.70	M6
EQ-12V75	12	67	72	10.00 / 254	6.61 / 168	7.97 / 202.5	51 / 23	D	1500.0	8.46	M6
EQ-12V80	12	73	79	12.09 / 307	6.61 / 168	8.31 / 211	65 / 29.5	D	1610.0	7.74	M8
EQ-12V90	12	80	86	12.94 / 329	6.69 / 170	8.07 / 205	65 / 29.5	D	1820.0	6.80	M8
EQ-12V100	12	93	100	13.58 / 329	6.75 / 170	10.16 / 258	76 / 34.5	D	1750.0	7.33	M8
EQ-12V150*	12	136	146	20.20 / 513	8.78 / 223	7.72 / 196	109 / 49.5	E	3080.0	4.16	M8
EQ-12V200*	12	181	194	20.39 / 518	10.79 / 274	8.46 / 215	137 / 62	E	4225.0	2.95	M8

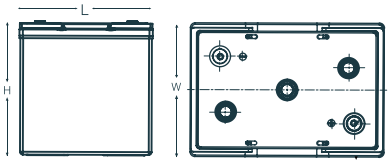
* Reverse polarity

± 5% weight tolerance
H1: Height over lid
H2: Overall height including connector and bolt

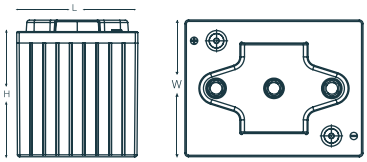
Please add "V0" after part number for UL-94 V0 rated flame-retardant plastic material, e.g. EQ-6V195V0

Examples not to scale

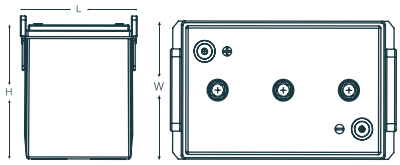
Layout A



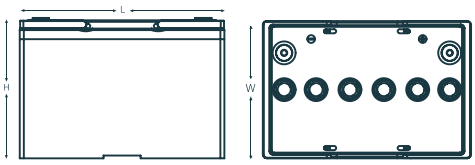
Layout B



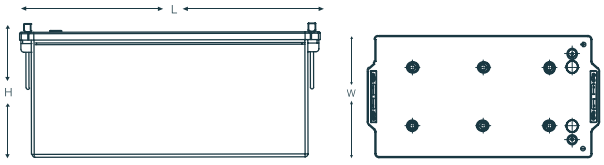
Layout C



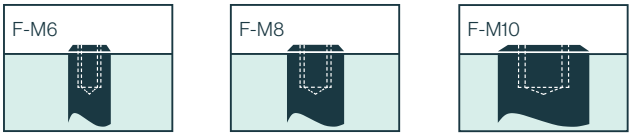
Layout D



Layout E



Terminals



Torque: 6Nm **Torque: 8Nm** **Torque: 16Nm**

THINK GREEN THINK ETERNITY

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