

MOTIVE POWER



QUASAR™ Flooded

Carbon Nano Bloc



HIGH ENERGY ON DEMAND™

QUASAR™ Carbon Nano Flooded Bloc - 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 Carbon Nano Flooded Bloc Battery.

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

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



Features...

Compatible for deep cycle applications

Ultra energy efficient due to low resistance

Reduced operating temperatures for increased cycle life (up to 1000 cycles) and battery lifetime

Suitable for opportunity charging

Cost savings due to increased efficiency

Up to 2 x faster recharge

Allows for opportunity charging to give you those extra running times when required

Suitable for extreme temperature variants

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

Applications:

Suitable for all motive, leisure, solar & reserve power applications:

Golf carts, including electric vehicles

Access Work Platform (AWP)

Cleaning Machines

Maritime

Wheelchairs

Solar

Renewable Energy

Traffic Systems

Caravans / Motorhomes RV's

Home Invertor

Charging profile

IUI Charging

$I_1 = \text{min. } 12\% C_5 \text{ max. } 40\% C_5$

$U = 2.45 \text{ V per cell}$

$I_2 = 6\% C_5 \text{ for max. } 4 \text{ hours}$

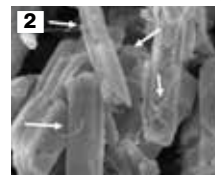
Compliant with EN60-254-1 & EN60-254-2 and IEC254-1 & IEC254-2





1. Fluid

Eternity Technologies uses patented Carbon Nano Tube Fluid Liquid in a specific battery pasting process.



2. Nanotubes

It creates a network of individual nanotubes allowing for electrons to flow with minimal resistance, as well as reinforcing the plates, adding lasting strength and durability.



Resulting in:

- Enhanced consistency of performance
- Improved charge acceptance
- Increased cycle life
- Opportunity charging capabilities
- Improved Thermal Operational Ranges

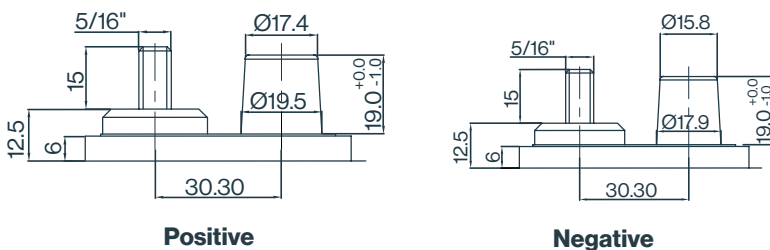
Bloc Specifications...

Type	Group Type	Voltage	Capacity Ah C ₅	Capacity Ah C ₂₀	Length (mm)	Width (mm)	Height (C) (mm)	Height (D) (mm)	Weight (kg)	Terminal
QSRF 105	GC2	6	185	225	260	180	247	277	28	UTL
QSRF 125	GC2	6	195	240	260	180	247	277	30	UTL
QSRF 305	J305	6	270	315	308	174	339	365	40.5	DUAL
QSRF 305 HC	J305	6	295	350	308	174	339	365	44	DUAL
QSRF L16	L16	6	320	390	308	174	388	416	48	DUAL
QSRF L16 HC	L16	6	345	420	308	174	388	416	50	DUAL
QSRF 875	GC8	8	145	170	260	180	247	277	29	UTL
QSRF 1275	GC12	12	120	150	333	183	248	280	39	UTL

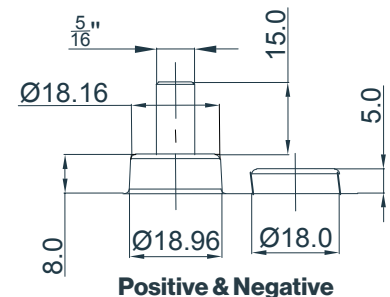
± 5% weight tolerance

Terminal Options Available:

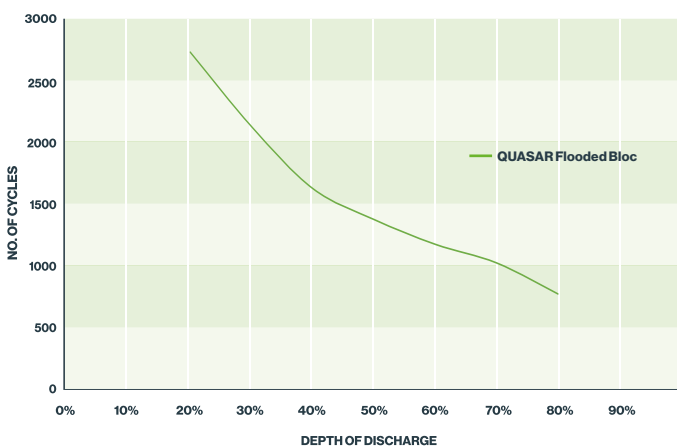
Dual



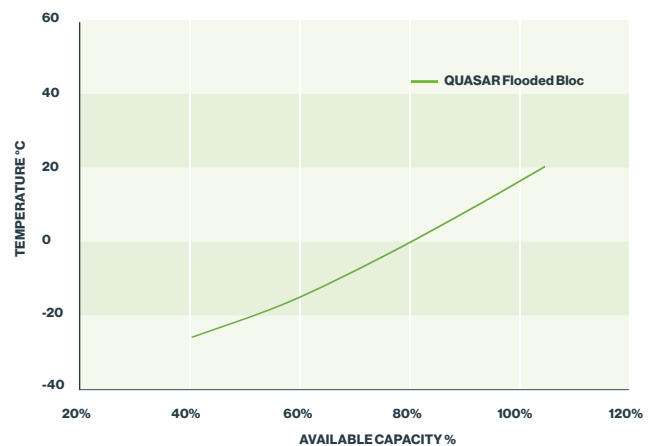
UTL



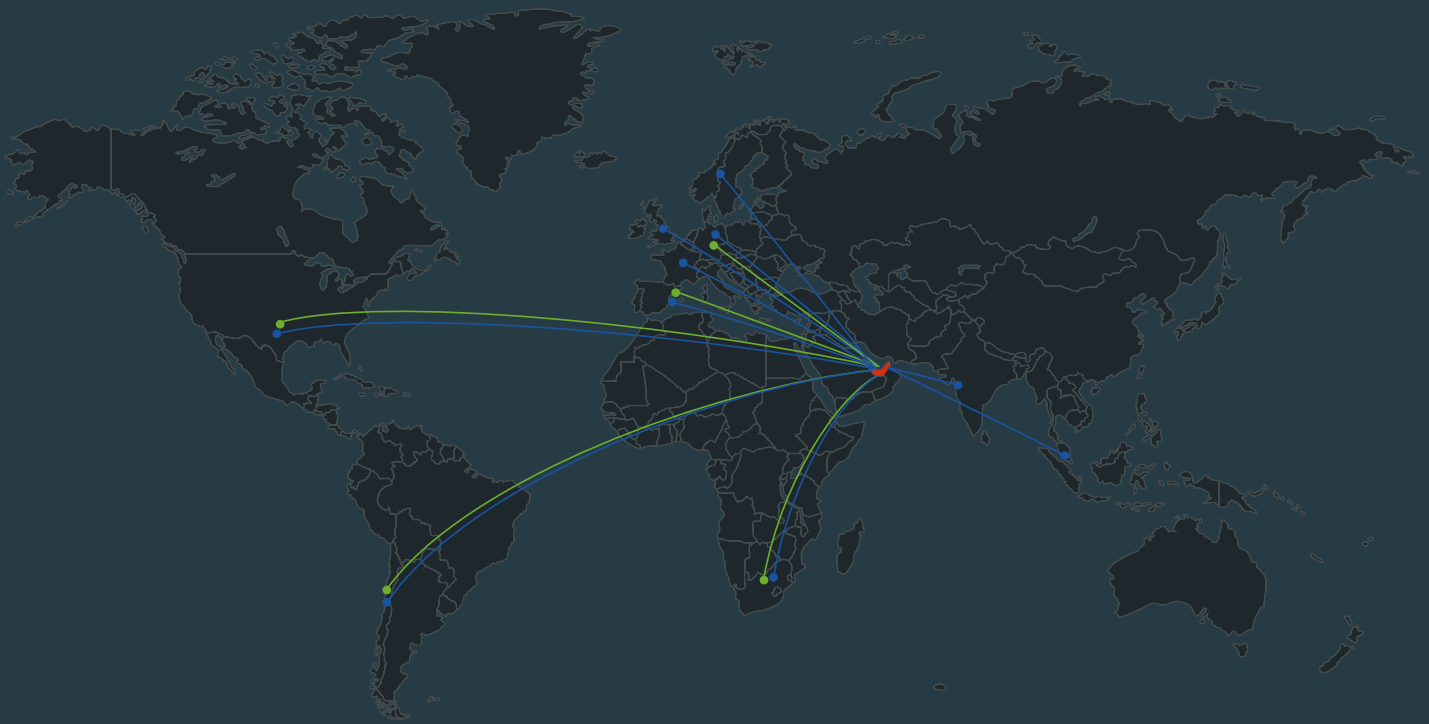
Cycle life vs. depth of discharge (25°C)



Capacity vs Temperature



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



Eternity Technologies FZ-LLC

Al Jazeera / Al Hamra, PO Box 35102,
Ras Al Khaimah, UAE

Sales & service

info@eternitytechnologies.com

www.eternitytechnologies.com

