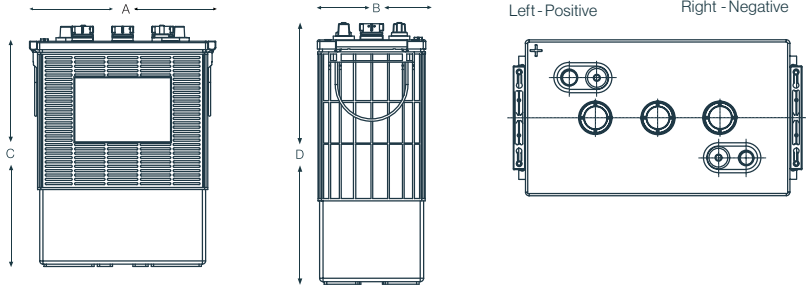


QSRF L16 HC (L16)

QUASAR Flooded Carbon Nano Battery



Electrical Specifications

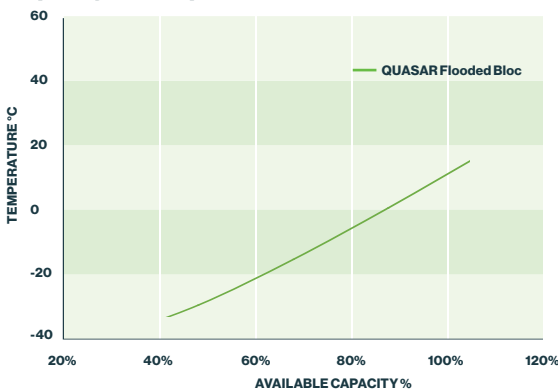
C5 Capacity	345Ah
C20 Capacity	420Ah
Voltage	6V
80% DOD Voltage Cutoff	5.6V
Self Discharge	Less than 3% per month (20°C/68°F)
Charge Temperature	Min: -10°C (14°F) / Max: 50°C (122°F)
Discharge Temperature**	Min: -40°C (-40°F) / Max: 50°C (122°F)
Storage	Min: -20°C (-4°F) / Max: 60°C (140°F)

Mechanical Specifications

Industry Reference	L16	
Length (A)	12.1in	308 mm
Width (B)	6.9in	174 mm
Height (C)	15.3in	388 mm
Height (D)	16.4in	416 mm
Weight	110.2lbs	50 kgs
Terminal (Opt'l)	Dual	
Cell(s)	3	
Electrolyte	Flooded	
Terminal Torque Nm	STUD: 11-12Nm AP: 6-8Nm	

NOTE: There is a tolerance of +/-2%.

Capacity vs Temperature



IUI Charging I₁ = min. 12% C₅ max. 40% C₅
 U = 2.45 V per cell
 I₂ = 6% C₅ for max. 4 hours

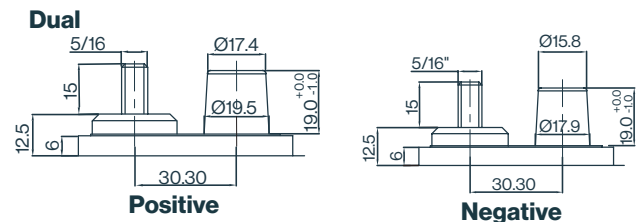
ET/DATAFLOODEDTRACTIONQSRF L16 HC V2 0124

Features

- Ultra energy efficient due to low resistance
- Increased cycle life due to Carbon Nano Tube Technology
- 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

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



Compliant with IEC 60254

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