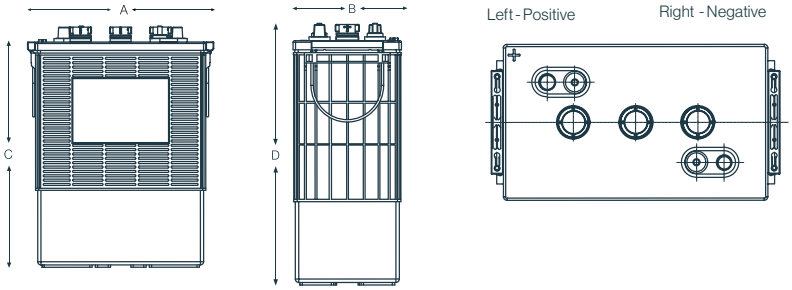
QSRF L16 (L16)

QUASAR Flooded Carbon Nano Battery



Features

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

Electrical Specifications

C5 Capacity	320Ah
C20 Capacity	390Ah
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

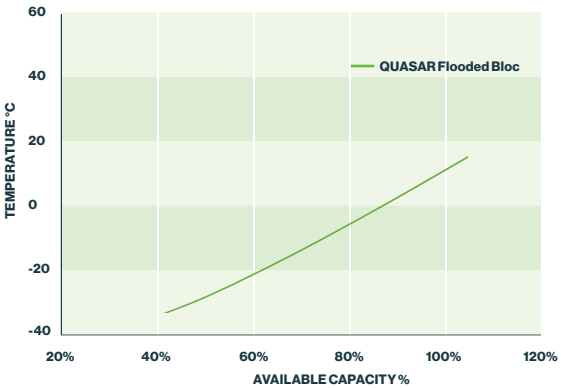
Industry Reference	L16	
Length (A)	12.1 in	308 mm
Width (B)	6.9 in	174 mm
Height (C)	15.3 in	388 mm
Height (D)	16.4 in	416 mm
Weight	105.8 lbs	48 kgs
Terminal (Opt'l)	Dual	
Cell(s)	3	
Electrolyte	Flooded	
Terminal Torque Nm	STUD: 11-12Nm AP: 6-8Nm	

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

Applications

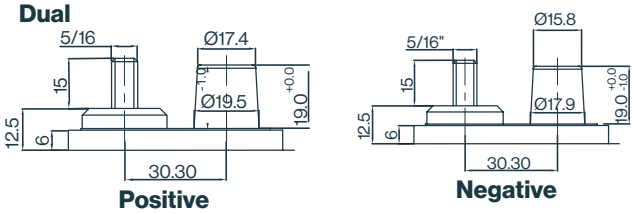
- Golf carts, including electric vehicles
- Access Work Platform (AWP)
- Cleaning Machines
- Maritime
- Wheelchairs
- Solar & Renewable Energy
- Traffic Systems
- Caravans / Motorhomes RV's
- Home Invertor

Capacity vs Temperature



IUI Charging I_1 = min. 12% C_5 max. 40% C_5
U = 2.45 V per cell
I_2 = 6% C_5 for max. 4 hours

Dual



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 Compliant with IEC 60254