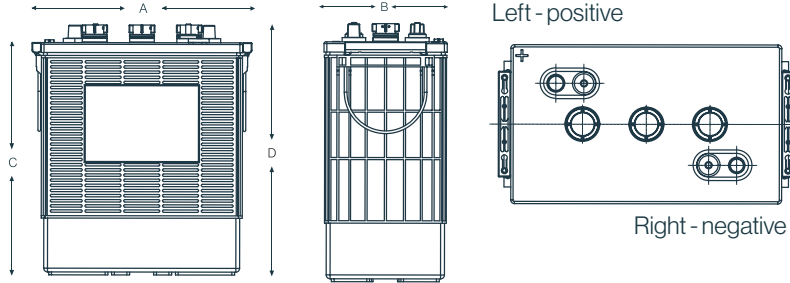


QSRF 305 (J305)

QUASAR Flooded Carbon Nano Battery



Electrical Specifications

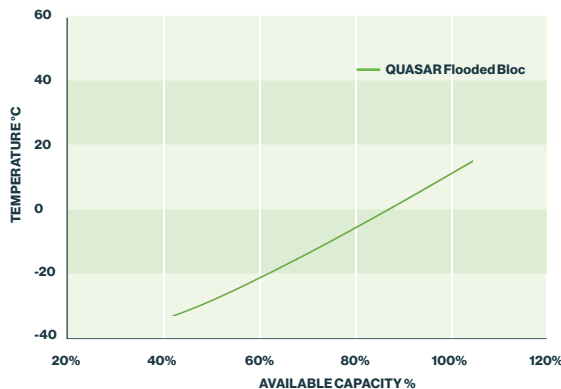
| | |
|--------------------------------|--|
| C5 Capacity | 270Ah |
| C20 Capacity | 315Ah |
| Voltage | 6V |
| 80% DOD Voltage Cutoff | 5.6V |
| Self Discharge | Less than 3% per month (20°C/68°F) |
| Charge Temperature | Min: -10°C (14°F) / Max: 50°C (122°F) |
| Discharge Temperature** | Min: -40°C (-40°F) / Max: 50°C (122°F) |
| Storage | Min: -20°C (-4°F) / Max: 60°C (140°F) |

Mechanical Specifications

| Industry Reference | J305 | |
|---------------------------|----------------------------|----------|
| Length (A) | 12.1 in | 308 mm |
| Width (B) | 6.8 in | 174 mm |
| Height (C) | 13.3 in | 339 mm |
| Height (D) | 14.4 in | 365 mm |
| Weight | 89.3 lbs | 40.5 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

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

