



70 Ah Space Cell



Lithium-Ion Rechargeable cell

Features and Benefits

- Qualified for space flight
- Prismatic cell design
- Fully-welded, hermetically-sealed construction
- Compression seals
- 175± 20 psi rupture disk vent
- High energy density
- High reliability
- Low-cyclic capacity fade
- Long-calendar life
- Stainless steel case and cover

Applications

- Low-earth orbit (LEO) satellite mission
- Mid-earth orbit (MEO) satellite mission
- Geosynchronous-earth orbit (GEO) satellite mission
- Scientific and exploratory satellite missions
- Launch vehicle

High energy, lightweight and small volume lithium-ion cell

Specifications	
Part Number	SLC-21060-001
Weight	1974 g (4.34 lb)
Dimensions (less terminal)	Width: 81 mm (3.21 in.) Length: 57 mm (2.24 in.) Height: 173 mm (6.81 in.)
Beginning of Life Capacity	72.0 Ah, 260 Wh, at 20°C (68°F) EOCV 4.1 CC/CV, C/2
Nameplate Capacity	70.0 Ah, 256 Wh at 20°C (68°F) EOCV 4.1 CC/CV, C/2
Specific Energy	131.7 Wh/kg
Energy Density	324.1 Wh/L
Charge Current Limit	36.0 A to 4.1 EOCV CC/CV
Discharge Current Limit	72.0 A to 3.0 EODV
Pulse Current Limit	146 A for 10 seconds
Storage Temperature	-5 to 5°C (23 to 41°F)
Operating Temperature	10 to 30°C (50 to 86°F)
Vibration Limit	Random 24.7 g
Transportation	Class 9 ID number - UN3090*
*For complete transportation regulations, contact EaglePicher	

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