
Lithium-Ion Battery Cell

■ COTS-grade Cells

- Cost effective “Commercial Off-The-Shelf” cells widely used and suitable for the constellation programs
- 18650 and 21700 cells featuring attractive advantages of high energy density
- COTS cells leading to the solutions for versatility in design and low cost
- Cell evaluation under space equivalent environment validated for wide range of applications

Model	18650	21700
Cell Size (D/L)	18.6/65.2mm max.	21.55/70.15 mm max.
Weight (Nominal)	48.0 g max.	70.0 g max.
Nameplate Capacity	2.8 Ah (4.2V-2.5V, 0.2ItA at R.T.)	4.5 Ah (4.2V-2.5V, 0.2ItA at R.T.)
Nominal Voltage	3.6 V	3.6 V
Temperature (Charge)	0 to +60 deg.C	0 to +60 deg.C
Temperature (Discharge)	-40 to +60 deg.C	-40 to +60 deg.C
Cell Energy Density	217 Wh/kg	242 Wh/kg



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Left: 18650, Right: 21700