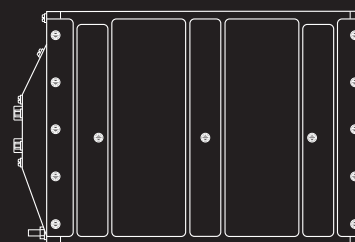
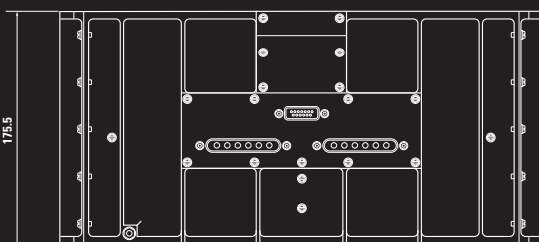
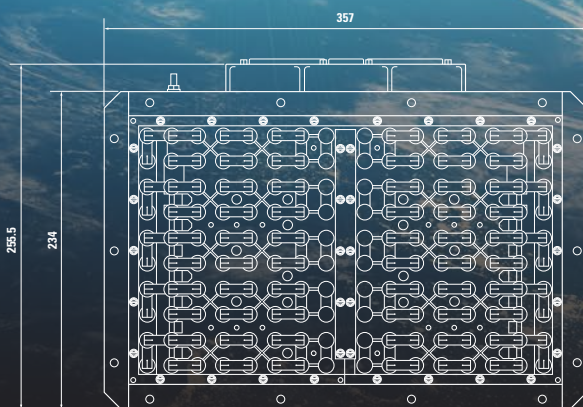
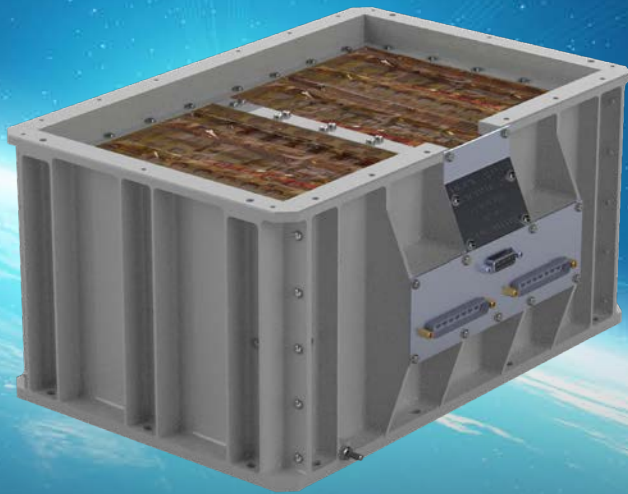


Fully qualified for space applications, this battery has been utilised for a variety of missions such as ESA LEO, communications and national Synthetic Aperture Radar (SAR) programmes.

The design incorporates an interchangeable connector bracket which allows easy customisation for a variety of platforms and does not require cell balancing electronics, making it easy to store, use and integrate into the spacecraft.



**Facts at a Glance**

ABSL™ Cell	P20
Topology	8s40p
Voltage Range (V)	33.6 - 24.0
Nameplate Capacity	80 Ah
Energy	2300 Wh
Footprint	260 x 359 mm
Height	177 mm
Mass (kg)	20

**Celebrating customer success with over 5.5 billion cell hours of in-orbit heritage using ABSL™ Li-ion cell technology**

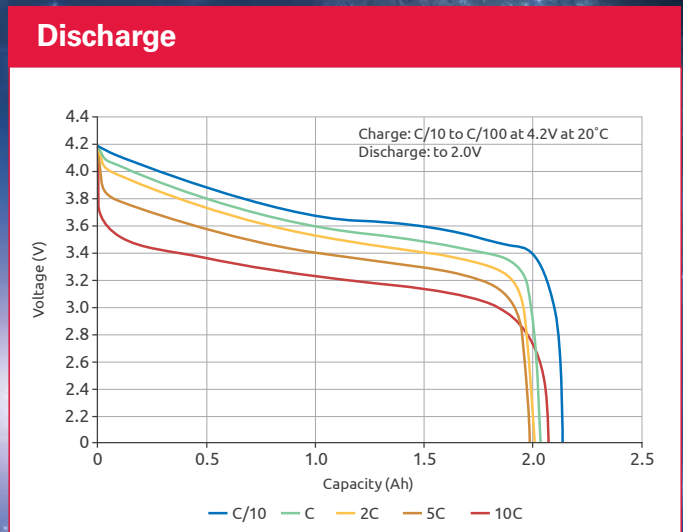
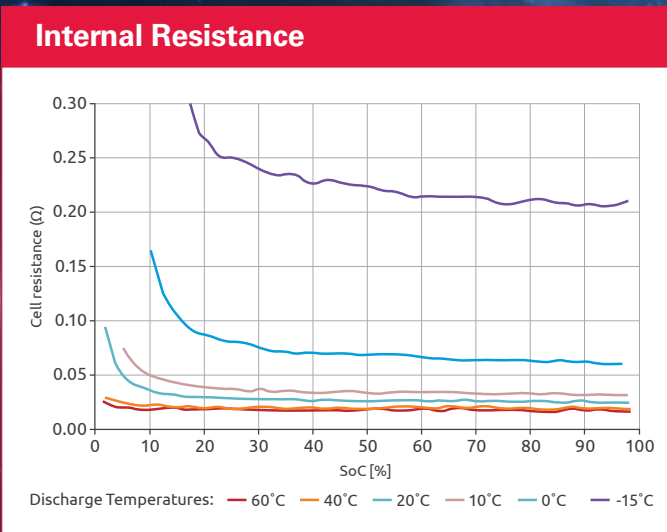
**Qualification**

Temperature	
<b>Non-Operating (°C)</b>	<b>Operating (°C)</b>
-20 to 50	0 to 40

Cell Level Radiation Exposure	
<b>Dosage Mrad</b>	<b>Effects</b>
10	<1% decrease in capacity

Shock	
<b>Frequency (Hz)</b>	<b>Input (g)</b>
100	40
2000	2000
10,000	2000
No of shock (per axis)	3

Random Vibration	
<b>Frequency (Hz)</b>	<b>Input (g<sup>2</sup>/Hz)</b>
20	0.1256
80-200	0.5
200-400	0.3
2000	0.0121
Overall G <sub>RMS</sub>	15.4
Duration	4



EMEA/PAC-EN-DS-ABSL-CM2300-8s40p-0722-Preliminary

