Attachment 2　Environmental resistance

1. Operating temperature range : 5 to 30℃ (QT:−10 to 45℃)
2. Ground storage temperature: 0±10℃
3. Mechanicla environments (Vibration)

・Sinusoidal vibration

Frequency range	Acceleration level
5 to 27.9 Hz	6.4 mm (Single Amplitude)
27.9 to 100 Hz	196 m/s^2 (20 g)

・Random vibration

Frequency range	Acceleration density	Grms
20 to 58 Hz	+6 dB/oct	23.63 (231.57 m/s^2rms)
58 to 700 Hz	48.02 m^2/s^3 (0.5 g^2 / Hz)	
700 to 2000 Hz	−6 dB/oct	

Setup condition : > SOC(State of Charge)80%, cell is pressed using flat plates by 0.211±0.015MPa

4. Mechanical environments(Shock)

Frequency range	Acceleration density
200 Hz	392 m/s^2 (40 g)
200 to 2000 Hz	+9.296 d/B/octave
2000 to 7000 Hz	13,720 m/s^2 (1400 g)

Setup condition : > SOC65%, cell is pressed using flat plates by 0.211±0.015MPa

5. Mechanical environments(Acceleration)

Level	Period
245 m/s^2 (25 g)	5 minutes

Setup condition : > SOC80%, cell is pressed using flat plates by 0.211±0.015MPa

6. Radiation resistance characteristics: N/A