

THOR-404040 Lithium Polymer Battery

Current canonical product specification | Issued 2026-10-19

Verified Product Data

Model	THOR-404040
Cell type	Lithium Polymer (LiPo) pouch cell
Configuration	1S1P
Nominal voltage	3.7 V
Rated capacity	700 mAh
Nominal energy	2.59 Wh
Bare-cell dimensions (T x W x L)	4 x 40 x 40 mm
Typical PCM-equipped assembly	Approx. 4 x 40 x 42 mm; verify final configuration
PCM / protection	Available; final design is configuration-dependent
NTC thermistor	Available where project-required
Wire and connector	Length, routing, polarity and connector are configurable
Full-charge system	Standard 1S 4.2 V system; final charger and PCM must be validated
Load validation	Continuous and peak-current suitability must be confirmed for the final cell, PCM, wire, connector and device load profile
Documentation	UN38.3, IEC 62133-2, KC and relevant battery compliance documentation are available for OEM project review.

The nominal dimensions describe the bare pouch cell. Typical PCM-equipped length is approximately 2 mm longer, but the final envelope may vary with PCM placement, insulation, lead exit, connector body and wire routing. Confirm the production-intent drawing and sample before enclosure approval.

Controlled supporting documents are available for qualified OEM project review and are not published as public downloads. Documentation applicability should be confirmed if the finished configuration changes.