

OEM Battery Runtime Input Checklist

Prepare these inputs before requesting a custom battery-pack runtime review.

1. Device Voltage Window

- Maximum input voltage:
- Nominal operating voltage:
- Minimum operating voltage:
- Device shutdown threshold:
- Transient tolerance and duration:

2. Load Profile

State	Current or Power	Duration	Frequency	Notes
Sleep/standby				
Boot				
Normal active				
Transmit/pulse				
Motor/inrush/stall				
Charging/operation while charging				

3. Runtime and Life Target

- Beginning-of-life runtime target:
- End-of-life runtime target:
- Required cycle life or calendar life:
- Operating temperature range:
- Storage and shipping mode requirement:

4. Mechanical and Project Inputs

- Available battery space and drawing:
- Connector, wire length and service-access needs:
- Enclosure heat sources and airflow:
- Target markets and certification needs:
- Sample quantity and production forecast:

Recommended next step: attach this checklist, the measured voltage/current log and the battery-space drawing when requesting a THOR Power battery solution.