

UN3090, LITHIUM METAL BATTERIES (shipped by themselves)

For ground shipments prepared in accordance with § 173.185 (49 CFR – October 2025 Edition)

Only trained hazmat employees may ship lithium batteries using this guide.

Small Cells & Batteries

– §173.185(c) –
(DG Shipping Guide #16)



- Li metal content (exception)
 - Cells (≤ 1 g)
 - Batteries (≤ 2 g)
- Gross weight of package ≤ 30 kg
- Drop test (1.2 m)

Medium Cells & Batteries

– §173.185(c) –
(DG Shipping Guide #37)



- Li metal content (exception)
 - Cells (≤ 5 g)
 - Batteries (≤ 25 g)
- Gross weight of package ≤ 30 kg
- Drop test (1.2 m)

Fully Regulated Cells & Batteries

– §173.185(b) –
(DG Shipping Guide #15)



- Lithium Metal Content
 - Cells (> 5 g)
 - Batteries (> 25 g)
- UN specification packaging (PG II)



The UN number(s) displayed on the mark should be at least 12 mm high.