

Riegel 12V Battery Specifications

User: Riegel 12V 225AH Type N225 1150cca Ssealed mf Battery provide exact data sheet and weight

use.ai: ### Technical Data Sheet

General Specifications

Battery Type: Sealed Maintenance-Free (SMF) Lead-Acid Heavy-Duty Battery

Model / Standard: N225 (JIS Standard / C-Box size)

Electrical Data

Nominal Voltage: 12V

Nominal Capacity: 225 Ah (at 20-hour rate / SC_{20})

Cold Cranking Amps (CCA): 1150 A (EN) / 1000–1150 A (SAE)

Reserve Capacity (RC): Approx. 450–500 minutes

Max Discharge Current: ~2250 A (5 sec)

Weight Specifications

Filled / Operating Weight (Wet): Approx. **58.0 kg – 63.0 kg** (128 – 139 lbs)

Dry Weight (without electrolyte, if applicable): Approx. **47.0 kg** (103.6 lbs)

Physical Dimensions

Length: 518 mm – 522 mm (20.4 – 20.6 in)

Width: 273 mm – 279 mm (10.7 – 11.0 in)

Height (Box): 219 mm (8.6 in)

Total Height (with Terminals): 237 mm – 240 mm (9.3 – 9.4 in)

Mechanical & Structural Features

Case Material: Heavy-duty, vibration-resistant Reinforced Polypropylene

Terminal Type: Standard Auto / Commercial Truck Heavy-Duty Posts (or Threaded Stud, model dependent)

Cell Layout / Polarity: Positive on Left/Right (Standard JIS N225 arrangement)

Maintenance: Sealed / Maintenance-Free (VRLA / Calcium-Calcium technology, no topping up required)

Primary Applications: Heavy-duty commercial trucks, buses, agricultural machinery, construction equipment, and marine start systems.

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