

Discover® DRY CELL

Traction Valve Regulated Battery

THE PREFERRED BATTERY FOR THE
LARGEST ORIGINAL EQUIPMENT
MANUFACTURERS FOR OVER A DECADE.



Tested and approved by
Deutsche Bahn German Railways.

THE MOST RIGOROUSLY TESTED AND CERTIFIED AGM BATTERY IN THE TRANSPORTATION INDUSTRY TODAY.

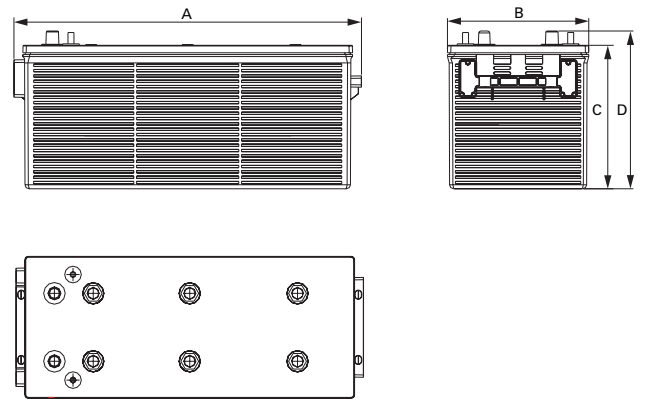
- Discover Dry Cell batteries meet or exceed OEM requirements in cranking and reserve capacity. Extra high reserve capacity for parasitic/key off loads prevent over discharge and vehicle jump-start.
- Enhanced Ca/Ca alloy traction heavy duty grids provides consistent active material adhesion and corrosion resistance for longer runtime and extended service life.
- High density active material paste delivers longer runtimes at high discharge currents.
- Reduced heat and increased cycle life performance.
- Sealed non-spillable, maintenance-free battery.
- High impact reinforced special V0-HL3 flame retardant cases for increased durability, heat resistance and safety. Standard polypropylene cases available upon request.
- Tested in accordance to DIN EN 45545-2 (02/2016) "Railway applications – Fire protection on railway vehicles" and DIN EN ISO 5659-2 (03/2013).
- Simulated Long-Life Testing at Increased Random Vibration levels, Shock Test, Functional Vibration Test in accordance to IEC 61373-2010 and DIN EN 61373 – 2011.
- Classified as non-hazardous, non-spillable battery and approved for transport by ground, sea and air (DOT 49CFR173.159d).
- Tested in accordance to SAE J240, J1495, J2185 industry test standards.



ISO 14001
DIN ISO 9001/QS9000

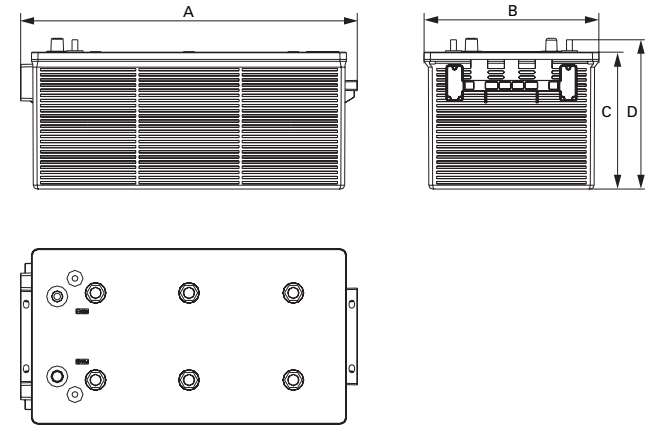
DCR12-220

| | | |
|-----------------------------|---------|--------------------|
| Length (A) | 20.6 in | 524 mm |
| Width (B) | 8.9 in | 225 mm |
| Height (C) | 8.7 in | 222 mm |
| Total Height (D) | 9.5 in | 242 mm |
| Weight | 138 lb | 63 kg |
| Terminal* | AT | |
| Amp Hours (AH) | | |
| 20 HR | 10 HR | 5 HR |
| 255 | 235 | 220 |
| Minutes of Discharge | | |
| @25A | | @75A |
| 550 | | 145 |
| Cranking Amps** | | |
| 1440 @ 0°C (32°F) | | 1200 @ -18°C (0°F) |



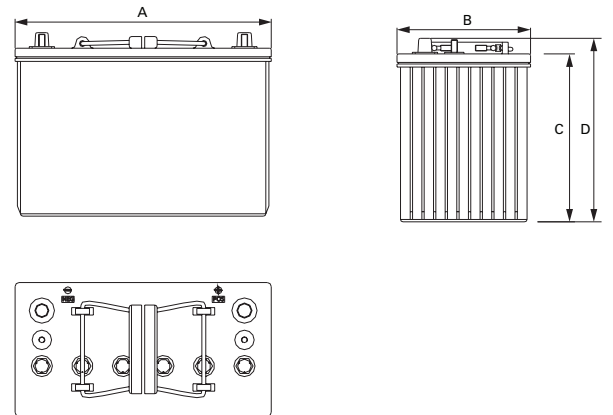
DCR12-220

| | | |
|-----------------------------|---------|--------------------|
| Length (A) | 20.6 in | 522 mm |
| Width (B) | 10.8 in | 275 mm |
| Height (C) | 8.7 in | 222 mm |
| Total Height (D) | 9.5 in | 242 mm |
| Weight | 172 lb | 78 kg |
| Terminal* | AT | |
| Amp Hours (AH) | | |
| 20 HR | 10 HR | 5 HR |
| 280 | 260 | 240 |
| Minutes of Discharge | | |
| @25A | | @75A |
| 630 | | 185 |
| Cranking Amps** | | |
| 1550 @ 0°C (32°F) | | 1300 @ -18°C (0°F) |

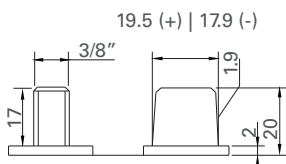


DCR12-110

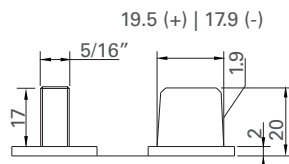
| | | |
|-----------------------------|---------|-------------------|
| Length (A) | 13.0 in | 330 mm |
| Width (B) | 6.8 in | 172 mm |
| Height (C) | 8.5 in | 216 mm |
| Total Height (D) | 9.3 in | 236 mm |
| Weight | 72 lb | 33 kg |
| Terminal* | AM | |
| Amp Hours (AH) | | |
| 20 HR | 10 HR | 5 HR |
| 115 | 110 | 96 |
| Minutes of Discharge | | |
| @25A | | @75A |
| 235 | | 63 |
| Cranking Amps** | | |
| 940 @ 0°C (32°F) | | 785 @ -18°C (0°F) |



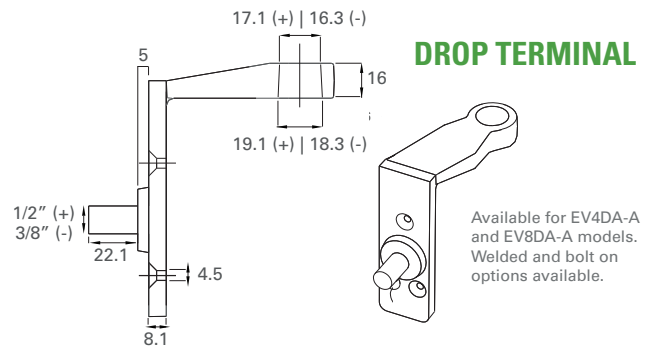
AT TERMINAL



AM TERMINAL



DROP TERMINAL



Available for EV4DA-A and EV8DA-A models. Welded and bolt on options available.

NOTE: Tolerance level of +/-2% for dimensions.

*TERMINAL TORQUE: For more information go to www.discoverbattery.com/resources.

**CRANKING AMPS: Provided as a reference only. Specific application sizing and life factors must be considered when using deep cycle product in a starting application.