# AUTOMOTIVE BATTERIES

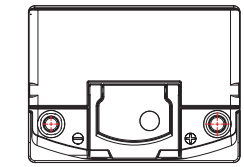
## DSAM35F 4 MF

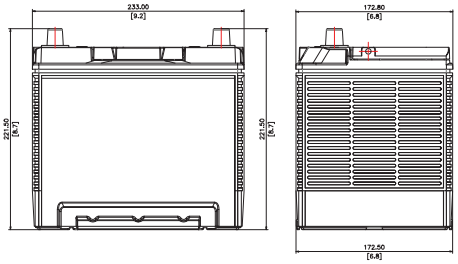



## MECHANICAL SPECIFICATIONS

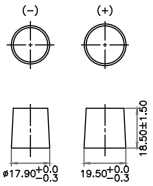
| | |
|---|---|
| **Group Size** | 25, 35 (D23) |
| **Terminal Type** | Standard |
| **L x W x H x TH [in]** | 9.2 x 6.8 x 7.9 x 8.7 in |
| **L x W x H x TH [mm]** | 233 x 173 x 201 x 220 mm |
| **Weight [lbs / kg]** | 31.61 lbs / 14.34 kg |
| **Case Material** | Polypropylene |
| **Cover** | Polypropylene |
| **Handle** | Polypropylene |
| **Hold Down** | B01 |
| **Cell Layout** | 0 |

## BATTERY DIAGRAMS



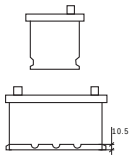



Terminal Type: Standard




POST TERMINAL DETAIL

Hold Down: B01




## ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| **Voltage (V)** | 12V |
| **Cold Cranking Amps (CCA)** | 450 |
| **Cranking Amps (CA)** | 563 |
| **Reserve Capacity Min (RC)** | 80 min |
| **20HR Nominal Capacity (AH)** | 50 |
| **Internal Resistance (mΩ)** | 3.35 mΩ |

## CHARGE DISCHARGE AND TEMPERATURE

| | |
|---|---|
| **Self-Discharge/Month 68°F (20°C)** | 2.9% |
| **Self-Discharge/Month 104°F (40°C)** | 5.6% |
| **Operating Temperature (Range)** | -4°F/-20°C to 122°F/50°C |
| **Storage Temperature (Range)** | -4°F/-20°C to 104°F/40°C |

## CHARGE VOLTAGES

| CHARGE STAGE | 12V | 24V | 36V | 48V |
|---|---|---|---|---|
| **Bulk** | 14.4-14.7V | 28.4-29.4V | 42.6-44.1V | 56.8-58.8V |
| **Absorption** | 14.2-14.7V | 28.4-29.4V | 42.6-44.1V | 56.8-58.8V |
| **Float** | 13.2 V-13.6V | 26.4V- 27.2V | 39.6V-40.8V | 52.8-54.4V |

**TC Factor: (-2mV°F/cell) or (-4mV°C/cell)**

2700 Carrier Ave., Commerce, CA 90040 | Email: customerservice@ramcarbatteries.com | Phone: (323) 726-1212

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