AUTOMOTIVE BATTERIES

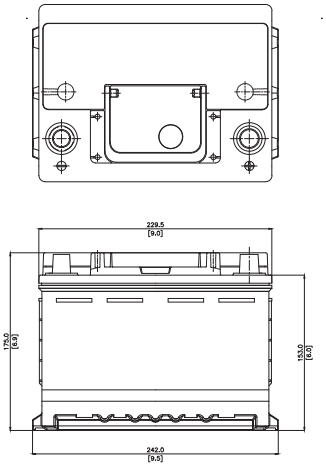
DSAM90 4 MF



MECHANICAL SPECIFICATIONS

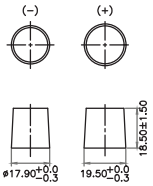
Group Size	90 (LBN2)
Terminal Type	Standard
L x W x H x TH [in]	9.1 x 6.9 x 6.9 x 6.9 in
L x W x H x TH [mm]	230 x 175 x 175 x 175 mm
Weight [lbs / kg]	28.88 lbs / 13.10 kg
Case Material	Polypropylene
Cover	Polypropylene
Handle	Polypropylene
Hold Down	B13
Cell Layout	0

BATTERY DIAGRAMS

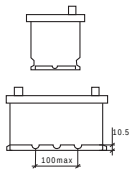


Terminal Type: Standard

Hold Down: B13



POST TERMINAL DETAIL



ELECTRICAL SPECIFICATIONS

Voltage (V)	12V
Cold Cranking Amps (CCA)	400
Cranking Amps (CA)	500
Reserve Capacity Min (RC)	75 min
20HR Nominal Capacity (AH)	50
Internal Resistance (mΩ)	3.35 m

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)

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