COMMERCIAL BATTERIES

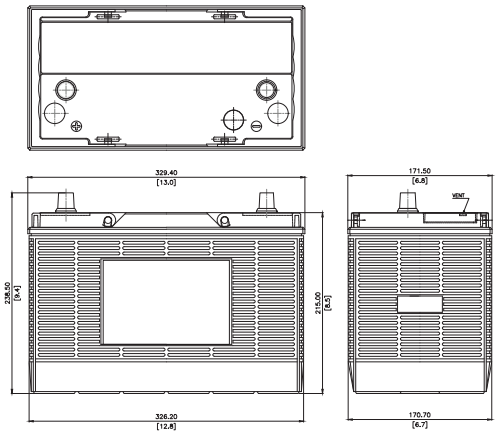
DSAM 31A 7 MF



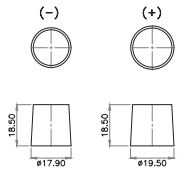
MECHANICAL SPECIFICATIONS

Group Size	31A
Terminal Type	Standard
L x W x H x TH [in]	13.0 x 6.8 x 8.5 x 9.4 in
L x W x H x TH [mm]	330 x 172 x 215 x 239 mm
Weight [lbs / kg]	46.80 lbs / 21.23 kg
Case Material	Polypropylene
Cover	Polypropylene
Handle	Polypropylene
Hold Down	B00
Cell Layout	1

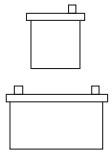
BATTERY DIAGRAMS



Terminal: Standard



Hold Down: B00



ELECTRICAL SPECIFICATIONS

Voltage (V)	12V
Cold Cranking Amps (CCA)	700
Cranking Amps (CA)	875
Reserve Capacity (RC) @25 A	150 min
C20 (Ah)	90
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	-4°F/-20°C to 104°F/40°C

CHARGE VOLTAGES

CHARGE STAGE	12V	24V	36V	48V
Bulk	14.2-14.7V	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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