DEEP CYCLE BATTERIES

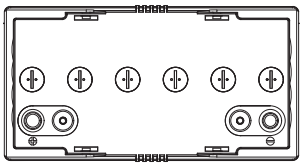
DSAM31 HDC TP

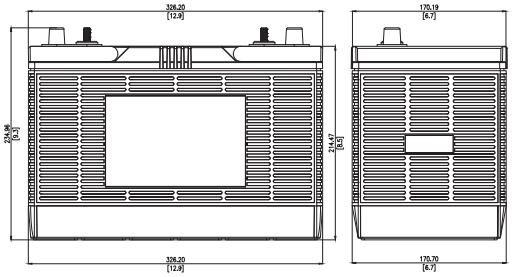


MECHANICAL SPECIFICATIONS

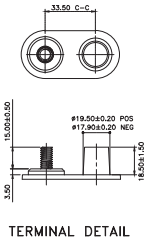
Group Size	31
Terminal Type	Marine Dual
L x W x H x TH [in]	12.9 x 6.7 x 8.5 x 9.3 in
L x W x H x TH [mm]	326 x 170 x 215 x 235 mm
Weight [lbs / kg]	63.89 lbs / 28.98 kg
Case Material	Polypropylene
Cover	Polypropylene
Handle	Polypropylene
Hold Down	B01
Cell Layout	1

BATTERY DIAGRAMS

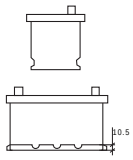




Terminal Type: Marine Dual



Hold Down: B01



ELECTRICAL SPECIFICATIONS

Voltage (V)	12V
Reserve Capacity (RC) @25A	210 min
C20 (Ah)	120
C05 (Ah)	100
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)

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