

PACER®

6 VOLT P-105AGM

AGM



CAPACITY 228 Ah @ 20Hr

MATERIAL Polypropylene

BATTERY VRLA AGM / Non-Spillable / Maintenance-Free

COLOR Black

WATERING No Watering Required

ELECTRICAL SPECIFICATIONS

VOLTAGE	6			
CELL[s]	3			
CAPACITY ^A MINUTES	530 @ 25 AMPS 140 @ 75 AMPS			
CAPACITY ^B AMP-HOURS [Ah]	5	10	20	100
	190	210	228	235
ENERGY [kWh]	1.41 @ 100 Hr			

CHARGING INSTRUCTIONS

CHARGER VOLTAGE SETTINGS [AT 77°F/25°C]					
SYSTEM VOLTAGE	6V	12V	24V	48V	72V
Maximum Charge Current [A]	20% of C ₂₀				
Absorption Voltage [2.40 V/cell]	7.20	14.40	28.80	57.60	86.40
Float Voltage [2.30 V/cell]	6.90	13.80	27.60	55.20	82.80
Use Approved VRLA Chargers Only. Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery.					

PHYSICAL SPECIFICATIONS

BCI	GC2		
MODEL	P-105AGM		
TERMINAL TYPE ^C	M8		
DIMENSIONS ^D INCHES [mm]	LENGTH	WIDTH	HEIGHT ^E
	10.47 [266]	7.08 [180]	10.73 [273]
WEIGHT ^F LBS. [kg]	66.14 [30.0]		
HANDLE	FLUSHBONADING		
INSTALLATION ORIENTATION	HORIZONTAL AND VERTICAL		

CHARGING TEMPERATURE COMPENSATION

ADD	SUBTRACT
0.0035 volt per cell for every 1°C below 25°C 0.002 volt per cell for every 1°F below 77°F	0.0035 volt per cell for every 1°C above 25°C 0.002 volt per cell for every 1°F above 77°F

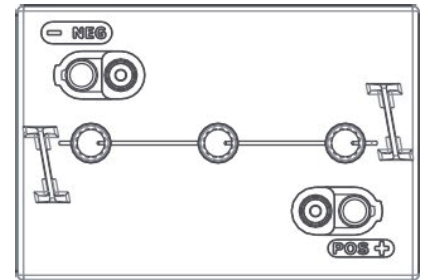
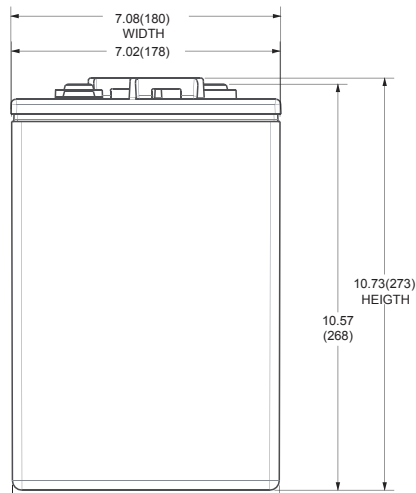
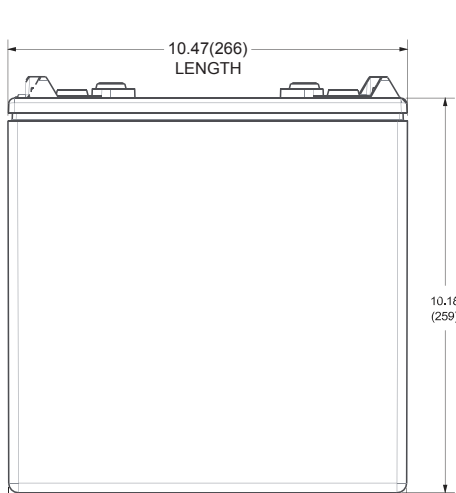
OPERATIONAL DATA

OPERATING TEMPERATURE	SELF DISCHARGE
-4°F to 122°F [-20°C to +50°C]. At temperatures below 32°F [0°C] maintain a state of charge greater than 60%.	Less than 3% per month depending on storage temperature conditions.

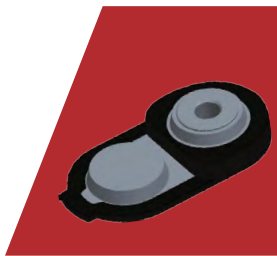
STATE OF CHARGE MEASURE OF OPEN-CIRCUIT VOLTAGE

PERCENTAGE CHARGE	CELL	6 VOLT
100	2.20	6.60
75	2.10	6.30
50	2.05	6.15
25	1.99	5.97
0	1.93	5.80

BATTERY DIMENSIONS



TERMINAL SPECIFICATIONS^C

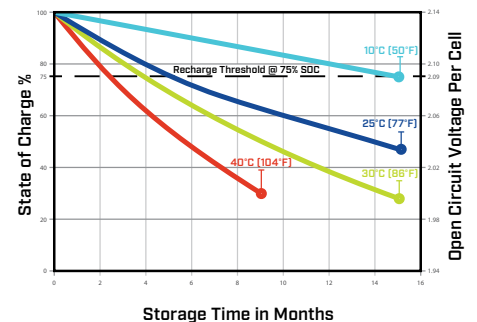
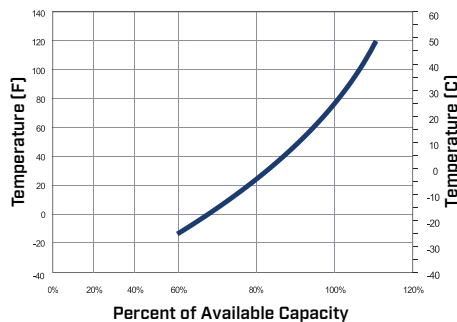
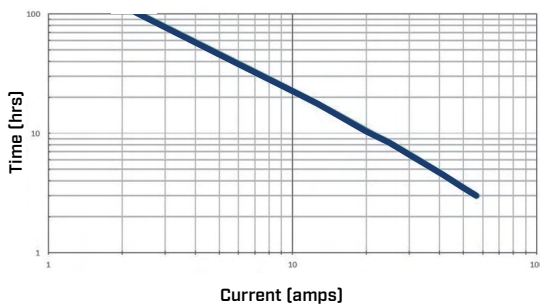


TYPE	M8
DESCRIPTION	M8
BATTERY HEIGHT INCHES [mm]	10.57 [268] (includes terminal)
TORQUE POUNDS [Nm]	85-90 (10-11)

PERFORMANCE

PERCENT CAPACITY VS. TEMPERATURE

SELF DISCHARGE VS. TIME^G



PACER BATTERY COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001:2015

Designed in compliance with applicable BCI standards.
Tested in compliance to BCI standards.



- A. The number of minutes a battery can deliver when discharged at a constant rate at 80°F (27°C) and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.
- B. The amount of amp-hours (Ah) a battery can deliver when discharged at a constant rate at 80°F (27°C) and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.
- C. Terminal images are representative only.

- D. Dimensions may vary depending on type of handle or terminal. Batteries should be mounted with 0.5 inches (12.7 mm) spacing minimum.
- E. Height taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.
- F. Weight may vary.
- G. Batteries in storage should be charged when they decline to 75% State of Charge (SOC).



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