

MODEL **8D-Gel**
 VOLTAGE **12**
 CAPACITY **225Ah @ 20Hr**
 MATERIAL **Polypropylene**
 BATTERY **VRLA GEL / Non-Spillable / Maintenance-Free**
 COLOR **Maroon (case) Grey (cover)**
 WATERING **No Watering Required**



12 VOLT

PHYSICAL SPECIFICATIONS

BCI	MODEL NAME	TERMINAL TYPE ^E	DIMENSIONS ^C INCHES (mm)			WEIGHT ^F LBS. (kg)	INSTALLATION ORIENTATION
			LENGTH	WIDTH	HEIGHT ^D		
8D	8D-GEL	5	20.69 (526)	10.95 (278)	10.82 (275)	168 (76)	Horizontal and Vertical

ELECTRICAL SPECIFICATIONS

VOLTAGE	CAPACITY ^A MINUTES	CAPACITY ^B AMP-HOURS (Ah)				ENERGY (kWh)	INTERNAL RESISTANCE (mΩ)	SHORT CIRCUIT CURRENT (amps)
12	@ 25 Amps	5-Hr	10-Hr	20-Hr	100-Hr	100-Hr	-	-
	500	188	207	225	265	3.18		

CHARGING INSTRUCTIONS

CHARGER VOLTAGE SETTINGS (AT 77°F/25°C)				
SYSTEM VOLTAGE	12V	24V	36V	48V
Maximum Charge Current (A)	13% of C ₂₀			
Absorption Voltage (2.40 V/cell)	14.40	28.80	43.20	57.60
Float Voltage (2.25 V/cell)	13.50	27.00	40.50	54.00
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.				

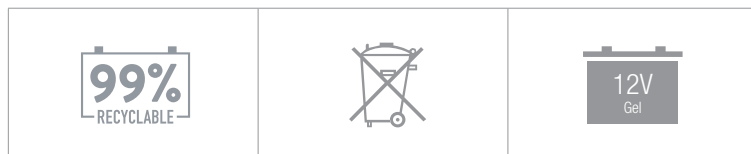
CHARGING TEMPERATURE COMPENSATION

ADD	SUBTRACT
0.003 volt per cell for every 1°C below 25°C 0.0017 volt per cell for every 1°F below 77°F	0.003 volt per cell for every 1°C above 25°C 0.0017 volt per cell for every 1°F above 77°F

OPERATIONAL DATA

OPERATING TEMPERATURE	SELF DISCHARGE
-4°F to 113°F (-20°C to +45°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

RECYCLE RESPONSIBLY



STATE OF CHARGE MEASURE OF OPEN-CIRCUIT VOLTAGE

PERCENTAGE CHARGE	CELL	12 VOLT
100	2.14	12.84
75	2.11	12.66
50	2.06	12.36
25	2.00	12.00
0	1.97	11.82

5	LT	L-TERMINAL
		Terminal Height Inches (mm) 1.70 (43) Torque Values in-lb (Nm) 95 105 (11 12) Bolt 5/16" 18