

MODEL **U1-AGM**
 VOLTAGE **12**
 CAPACITY **34Ah @ 20Hr**
 MATERIAL **ABS**
 BATTERY **VRLA AGM / Non-Spillable / Maintenance-Free**
 COLOR **Black**
 WATERING **No Watering Required**



12 VOLT

PHYSICAL SPECIFICATIONS

BCI	MODEL NAME	TERMINAL TYPE ^E	DIMENSIONS ^D INCHES (mm)			WEIGHT ^F LBS. (kg)	HANDLES	INSTALLATION ORIENTATION
			LENGTH	WIDTH	HEIGHT ^D			
U1	U1-AGM	15	7.68 (195)	5.12 (130)	6.30 (160)	24 (11)	Rope with Molded Plastic Handle Grip	Horizontal and Vertical

ELECTRICAL SPECIFICATIONS

VOLTAGE	CAPACITY ^A MINUTES			CAPACITY ^B AMP-HOURS (Ah)				ENERGY (kWh)	INTERNAL RESISTANCE (mΩ)	SHORT CIRCUIT CURRENT (amps)
	@ 25 Amps	@ 56 Amps	@ 75 Amps	5-Hr	10-Hr	20-Hr	100-Hr			
12	32	-	-	28	32	34	39	.47	5.75	1100

CHARGING INSTRUCTIONS

CHARGER VOLTAGE SETTINGS (AT 77°F/25°C)				
SYSTEM VOLTAGE	12V	24V	36V	48V
Maximum Charge Current (A)	20% 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
0.005 volt per cell for every 1°C below 25°C 0.0028 volt per cell for every 1°F below 77°F	0.005 volt per cell for every 1°C above 25°C 0.0028 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

RECYCLE RESPONSIBLY



STATE OF CHARGE MEASURE OF OPEN-CIRCUIT VOLTAGE

PERCENTAGE CHARGE	CELL	6 VOLT
100	2.14	12.84
75	2.09	12.54
50	2.04	12.24
25	1.99	11.94
0	1.94	11.64

