




INTRODUCING THE REDESIGNED US 8VGCE XC2!

U.S. Battery has redesigned its popular **US 8VGCE XC2** 8-volt deep-cycle battery with more amp-hour performance and improved longevity, to provide greater power and reliability for a variety of applications. U.S. Battery's **US 8VGCE XC2** is one of the company's Group GC8 line of performance 8-volt batteries, and is a popular choice for professionals wanting an economical option to power their vehicles and equipment. Although the **US 8VGCE XC2** was built for economy, it doesn't lack in performance. It now offers 110 minutes of runtime at a 56 amp draw, (155 amp-hours at a 20-hour rate) and weighs a hefty 60-lbs. (27kg), making it a top shelf choice in its class.



-  Highest initial capacity
-  Fastest cycle up to full rated capacity
-  Highest total energy delivered over the life of the battery

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US 8VGCE XC2 DATA SHEET

Deep Cycle 8 -Volt



Application: Wherever Deep Cycle 8-volt batteries are needed.

Dimensions: 10-1/4 (260)L x 7-1/8 (181)W x 11-1/4 (286)H

Type: Flooded Lead Acid (FLA) non-sealed.

Case material: Polypropylene / Heat Sealed



US 8VGCE XC2 - SPECIFICATIONS

BCI Group Size	Model	1-hr Rate	2-hr Rate	5-hr Rate	6-hr Rate	10-hr Rate	20-hr Rate	48-hr Rate	72-hr Rate	100-hr Rate	Voltage	Standard Terminal Type	AMP HOURS (20 HR. RATE)	MINUTES @ 75 AMPS	MINUTES @ 56 AMPS	MINUTES @ 25 AMPS	Length	Width	Height	wet Weight Lbs (kg)
GC8	US 8VGCE XC2	90	105	129	132	142	155	164	169	172	8	UTL	155	75	110	312	10-1/4 (260)	7-1/8 (181)	11-1/4 (286)	60 (27)

TERMINAL OPTIONS:



VENT CAP OPTIONS:



CHARGING INSTRUCTIONS:

Following is the charging recommendation and charging profile using 2 stage chargers for US Battery deep cycle products. *Equalization and float charge modes are not considered to be one of the stages in a charging profile.

- Bulk Charge** Constant current @ ~10% of C/20 Ah in amps to 2.45+/-0.05 volts per cell (e.g. 7.35 volts +/-0.15 volts per 6 volt battery)
- Absorption Charge** Constant voltage (2.45+/-0.05 vpc) to 3% of C/20 Ah in amps then hold for 2-3 hours and terminate charge. Charge termination can be by maximum time (2-4 hr) or dV/dt (4 mv/cell per hour)
 - (Optional Float Charge)** Constant voltage 2.17 vpc (6.51 volts per 6 volt battery) for unlimited time
 - Equalization Charge** Constant voltage (2.55+/-0.05 vpc) extended for 1-3 hours after normal charge cycle (repeat every 30 days)

Notes: Charge time from full discharge is 9-12 hours.
Absorption charge time is determined by the battery but will usually be ~3 hours at 2.45 volts per cell.
Float time is unlimited at 2.17 volts per cell.
Specific gravity at full charge is 1.270 minimum

Battery temperature adjustment: reduce the voltage by 0.028 Volts per cell for every 10°F above 80°F, increase by the same amount for temperatures below 80°F.

Deep cycle batteries need to be equalized periodically. Equalizing is an extended, low current charge performed after the normal charge cycle. This extra charge helps keep all cells in balance. Actively used batteries should be equalized once per month. Manually timed chargers should have the charge time extended approximately 3 hours. Automatically controlled chargers should be unplugged and reconnected after completing a charge.