

FULLRIVER

BATTERY

EGL170-8

CYCLING CAPACITY

20 Hour Rate **170 Amp Hours**

RESERVE CAPACITY

Reserve @25 AMPS **330 Minutes** Reserve @56 AMPS **120 Minutes**

ELECTRICAL SPECIFICATIONS

Nominal Voltage	8 Volt
C100	187AH
C20	170AH
C10	149AH
C5	140AH
C3	117AH
C2	112AH
C1	102AH
Internal Resistance	2.5m Ω

MECHANICAL SPECIFICATIONS

Group Size	GC8	
Terminal Type	M8	
Terminal Torque	See reverse side	
Height (w/ terminal)	11.35"	288 mm
Height (case only)	11.35"	288 mm
Width	7.17"	182 mm
Length	10.25"	260 mm
Weight	81.57 lbs.	37 kg
Case Type	ABS Plastic - Flame Res. Rating UL94-HB	

DISCHARGE TABLE (Constant Current)

Time	Amps	Rate
20hr	8.5	0.05CA
10hr	14.9	0.10CA
8hr	17.8	0.13CA
5hr	28	0.20CA
3hr	39.1	0.33CA
2hr	56	0.50CA
1hr	96	1.00CA

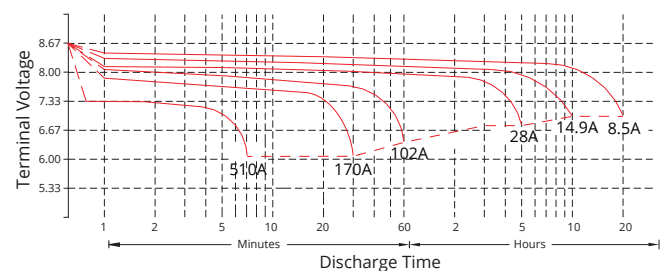
- All listed ratings are @ 100% SoC, T=77°F (25°C), 1.75VPC unless otherwise specified.

- Specifications listed are for estimation purposes only. Battery performance can vary depending on application. Battery design subject to change.

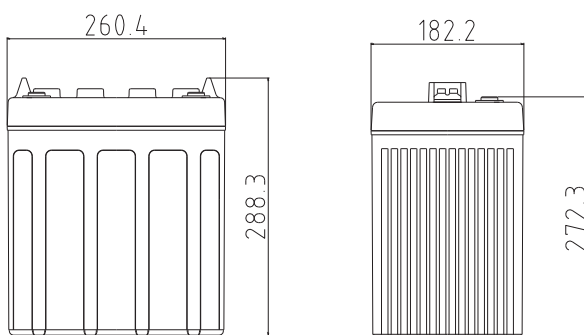
DISCHARGE PROFILE (Constant Current)

8-Volt Battery

Temperature: 77°F (25°C)

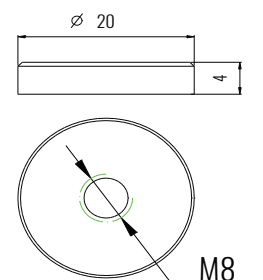


BATTERY & TERMINAL DIMENSIONS (All units shown in mm)



Battery bank spacing required,
12.5mm (1/2" inch) minimum

Terminal: M8

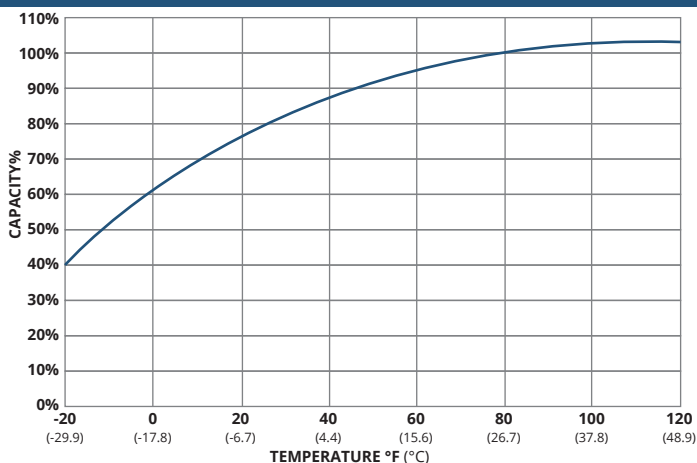


(unit: mm)

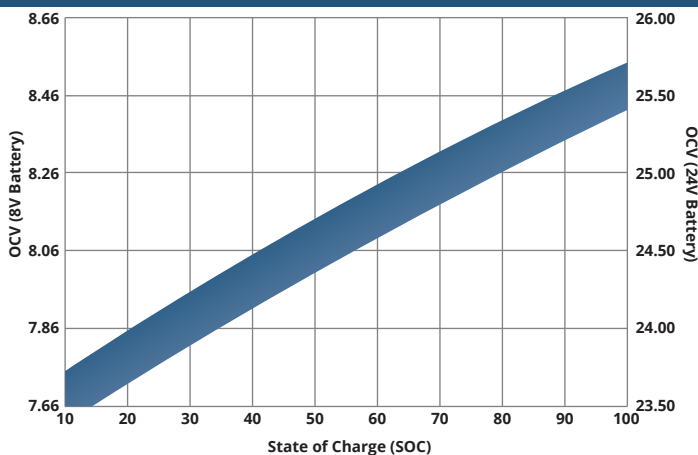
EGL SERIES | SUPREME DEEP CYCLE AGM

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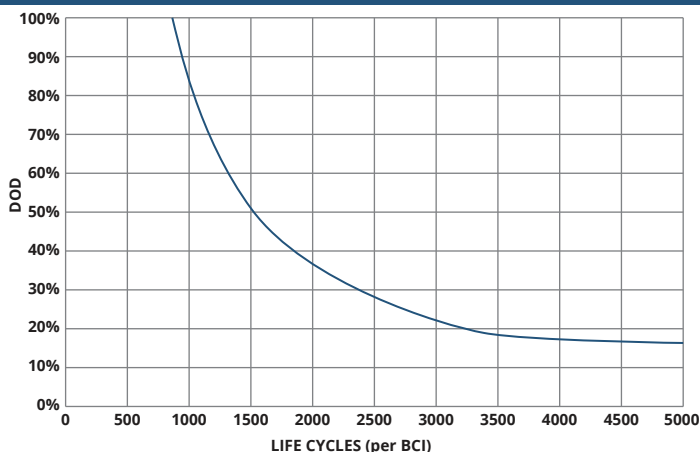
TEMPERATURE vs CAPACITY



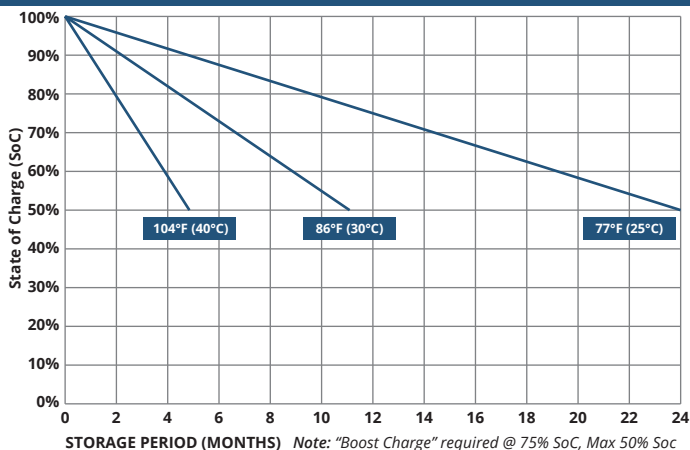
STATE of CHARGE (SOC) vs OPEN CIRCUIT VOLTAGE (OCV)



CYCLE LIFE vs DEPTH of DISCHARGE (DOD) *(Based on BCI Testing @ 2-hr Rate)



SELF DISCHARGE vs TIME/TEMPERATURE



TEMPERATURE RANGE SPECIFICATIONS

Condition	Recommended	Maximum	Recommended	Maximum
Storage	5°F to 122°F	-40°F to 160°F	-15°C to 50°C	-40°C to 71°C
Operation	5°F to 104°F	-40°F to 160°F	-15°C to 40°C	-40°C to 71°C
Charge with TC	5°F to 122°F	-40°F to 160°F	-15°C to 50°C	-40°C to 71°C
Charge w/o TC	32°F to 104°F	5°F to 122°F	0°C to 40°C	-15°C to 50°C

*TC= Temperature Compensation

CHARGE VOLTAGES

Charge Stage	Battery Voltages			
	8V	24V	32V	48V
Bulk	9.8V	29.4V	39.2V	58.8V
Absorption	9.8V	29.4V	39.2V	58.8V
Float	9.1V	27.3V	36.4V	54.6V

TC Factor: (-2mV/°F/cell) or (-4mV/°C/cell)

TERMINAL TORQUE SPECS (applicable values are highlighted)

M6	M8	M10	M6M (Stud)	M8M (Stud)	M10M (Stud) & 3/8" Stud	FR45	TP06 (AP)	TP08/TP68 (AP)	AP
3.3-4.8ft-lbs	5.2-6.7ft-lbs	8.1-10.3ft-lbs	2.6-3.7ft-lbs	4.4-5.9ft-lbs	7.4-8.8ft-lbs	4.8-6.3ft-lbs	2.6-3.3ft-lbs	4.6-6.3ft-lbs	4.2-5.8ft-lbs
40-57.5lbs-in	62-80lbs-in	97-124lbs-in	31-44lbs-in	53-71lbs-in	88.5-106lbs-in	57-75lbs-in	31-40lbs-in	55-75lbs-in	50-70lbs-in
4.5-6.5Nm	7-9Nm	11-14Nm	3.5-5Nm	6-8Nm	10-12Nm	6.5-8.5Nm	3.5-4.5Nm	6.2-8.5Nm	5.6-7.9Nm



9001:2008 Quality Management System
14001:2004 Environmental Management System
18001:2007 Occupational Health & Safety Management System



DELIVERY APPROVED!
**LAND, SEA
& AIR**

Fullriver batteries are sealed lead acid batteries made with Absorbed Glass Mat (AGM) technology. The electrolyte is absorbed into the fiberglass separator material rather than in a free-flowing liquid form. Fullriver batteries are non-spillable electric storage batteries. They are excepted from the requirements of DOT's hazardous materials regulations, since they adhere to the requirements of code 49 CFR Section 173.159(D) - (CLASSIFIED APPROVED: DOT, CFR, HMR49, IATA, ICAO67, IMDG27)