

**EGL170-8****170AH@20HR****8-Volt****SUPREME DEEP
CYCLE****Maintenance-Free
Sealed AGM Battery****Nominal Specifications**

Battery Model	EGL170-8	Rated Capacity	170AH/20HR
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Mechanical Specifications

Group Size	GC8	
Overall Height (H)	288±2mm	11.35"
Container Height (h)	288±2mm	11.35"
Length	260±2mm	10.25"
Width	182±2mm	7.17"
Weight	Approx.37kg	81.57lbs.
Terminal Type	M8- Button Terminal	
Terminal Torque	9.6-10.7 N.m	
Container Material	ABS: Standard (UL 94-HB)	

Temperature Range Specifications

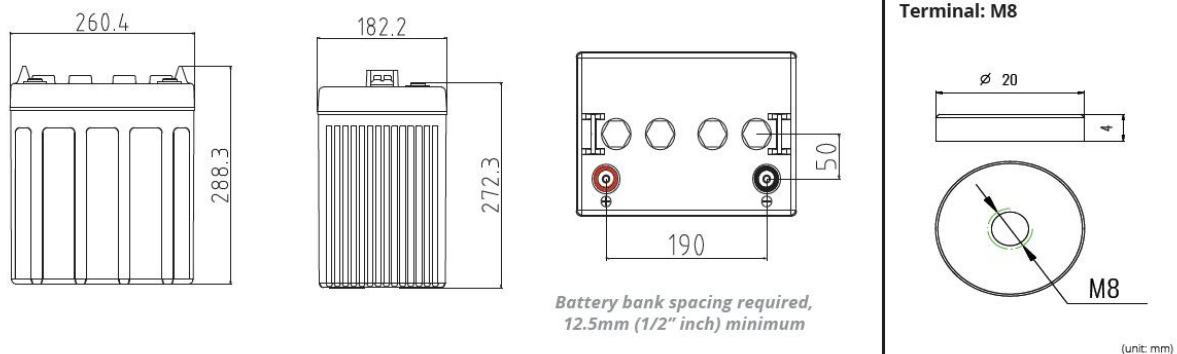
Operating Temperature Range	Discharge: -15°C ~+ 50°C (5°F~122°F)
	Charge: -15°C ~ +40°C (5°F~104°F)
	Storage: -15°C ~ +40°C (5°F~104°F)
Recommended Operating Temperature Range	+74°F (23°C) to +80°F (27°C)
Self-Discharge	Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F); Fully recharging is required before usage, For higher temperatures the time interval will be shorter.

Electrical Specifications

C100	187AH
C20	170AH
C10	149AH
C5	140AH
C3	122AH
C2	112AH
C1	102AH
Max. Discharge Current	1500A (5s)
Internal Resistance	2.5mΩ
Reserve Capacity	
Reserve @25 AMPS	330Minutes
Reserve @75 AMPS	90Minutes

Charge Voltages

Float Charging Voltage	9.0 to 9.20 VDC/unit@ (25°C)	
Equalization and Cycle Service Charging Voltage	9.60 to 9.80 VDC/unit @ (25°C)	
Maximum Charge Current(A)	40A	
Charging Temperature Compensation	Cycle use	-4mV/cell/°C
	Float use	-3mV/cell/°C

BATTERY & TERMINAL DIMENSIONS (All units shown in mm)**Constant Current Discharge Rating Amperes @ 77°F (25°C)**

Cut off voltage V/cell	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	165	120	96	56	39.1	27.5	17.8	14.9	12.7	8.50	7.17

Note The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

Fullriver Battery

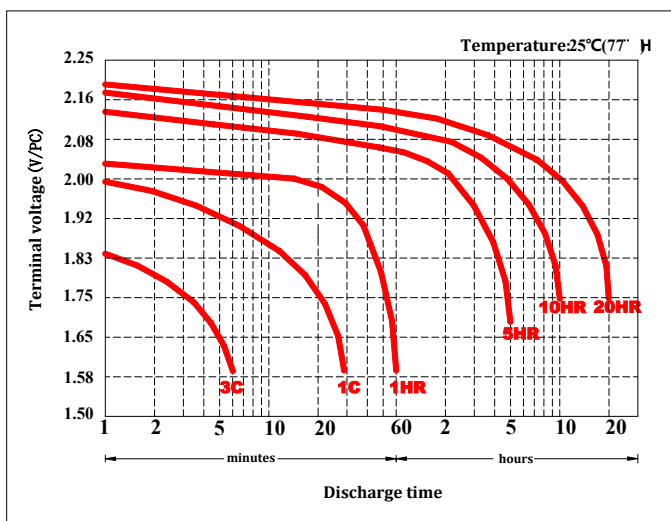
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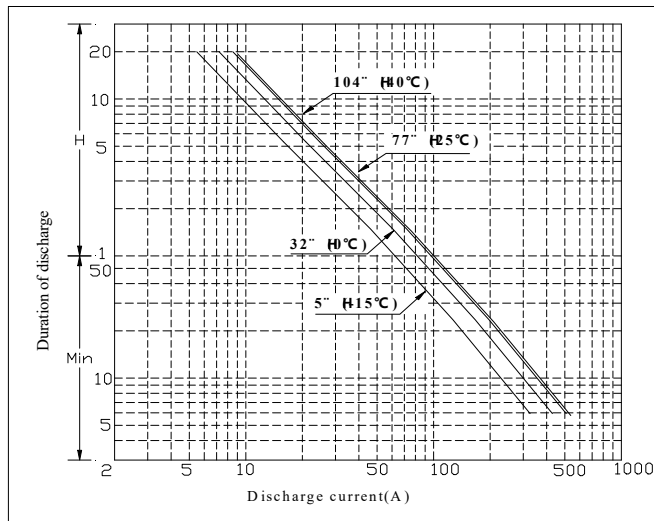


EGL170-8 DATA SHEET

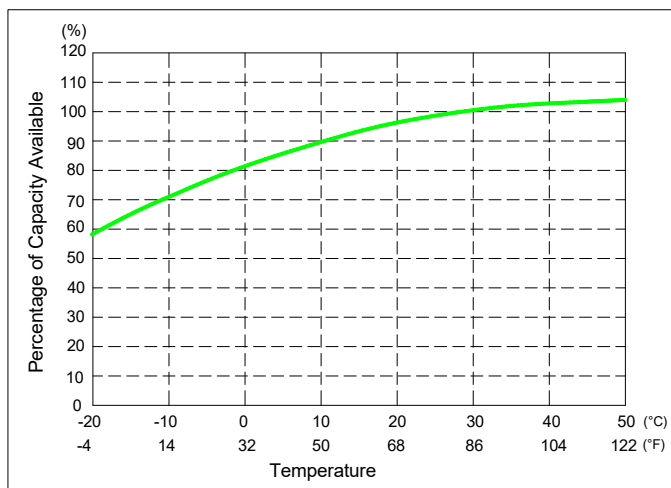
Terminal Voltage(V) and Discharge Time



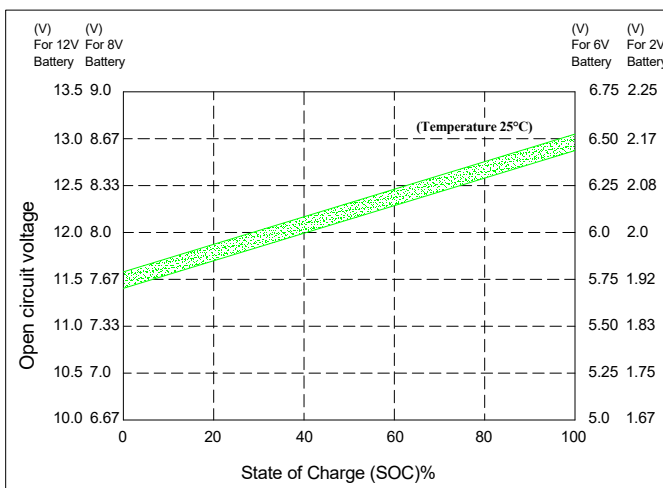
Duration of discharge vs. Discharge current



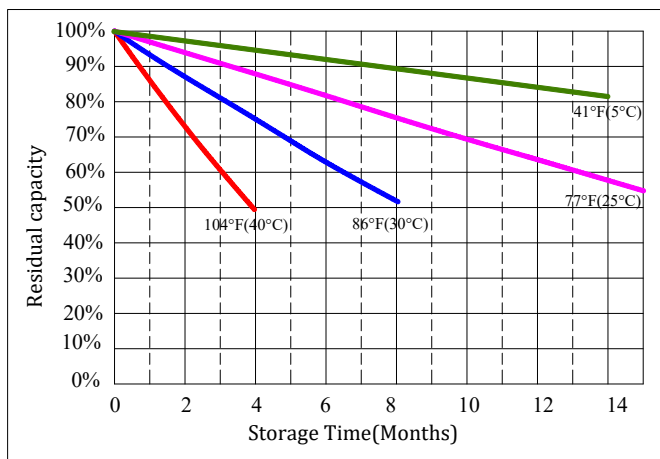
Percent Capacity vs. Temperature



State of Charge(SOC) vs Open Circuit



Capacity Retention Characteristic



Cycle Life vs. Depth of Discharge(DOD)

