

DC260-12 DEEP CYCLE

260AH @ 20Hr
12-Volt

Group Size: 8D

Maintenance-Free
Sealed AGM Battery

CYCLING CAPACITY

20 Hour Rate **260 Amp Hours**

RESERVE CAPACITY

Reserve @25 AMPS **578 Minutes** Reserve @75 AMPS **145 Minutes**

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12 Volt
C100	286AH
C20	260AH
C10	234AH
C5	214AH
CCA	1525
CA or MCA	1830
HPCA	2600 Amps
Internal Resistance	1.8m Ω

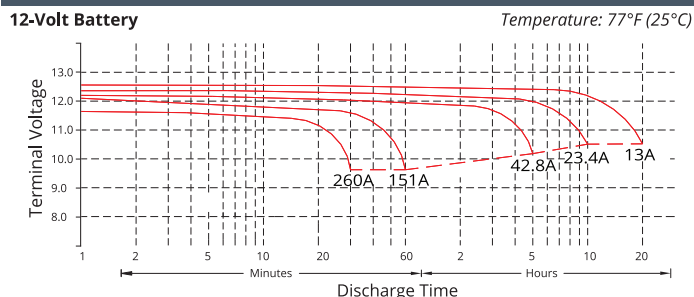
MECHANICAL SPECIFICATIONS

Group Size	8D	
Terminal Type	L Terminal	
Terminal Torque	See reverse side	
Height (w/ terminal)	9.65"	245mm
Height (case only)	8.66"	220mm
Width	10.59"	269mm
Length	20.51"	521mm
Weight	172.4 lbs	78.2 kg
Case Type	ABS Plastic - Flame Res. Rating UL94-HB	

DISCHARGE TABLE (Constant Current)

Time	Amps	Rate
20hr	13.0	0.05CA
10hr	23.4	0.10CA
8hr	28.3	0.13CA
5hr	42.3	0.25CA
3hr	58.9	0.33CA
2hr	78.3	0.50CA
1hr	148	1.00CA

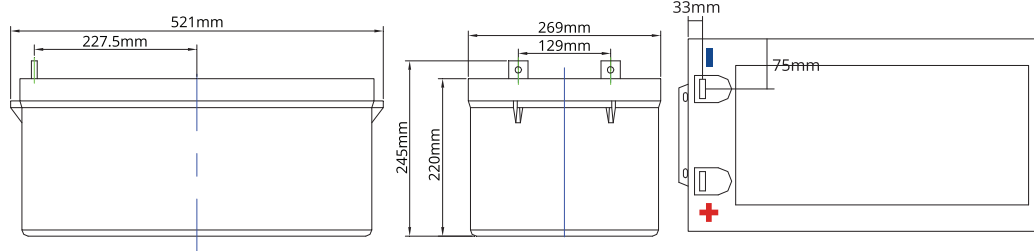
DISCHARGE PROFILE (Constant Current)



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

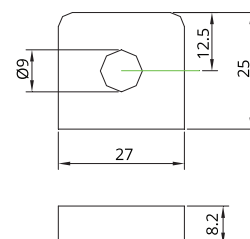
- Specifications listed are for estimation purposes only. Battery performance can vary depending on application. Battery design subject to change.

BATTERY & TERMINAL DIMENSIONS (All units shown in mm)



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

Terminal: LT

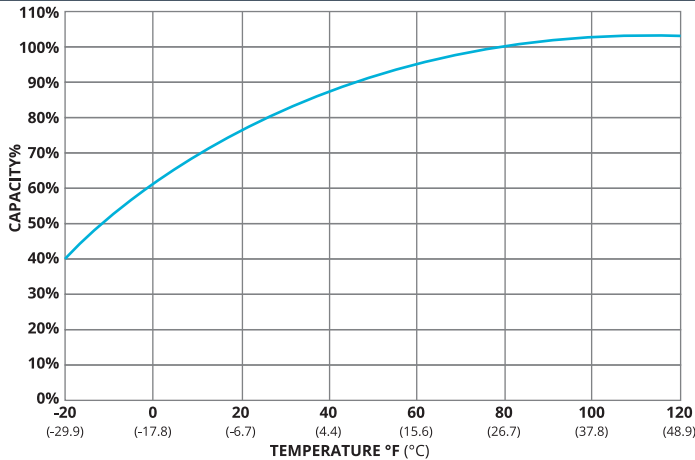


(unit: mm)

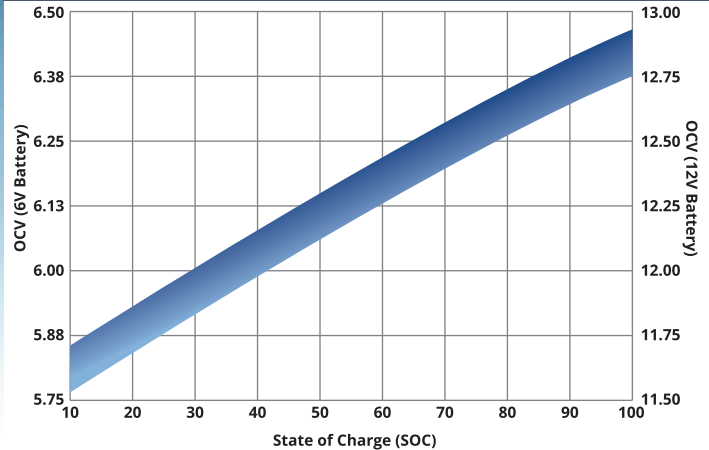


DC260-12 DATA SHEET fullriverbattery.com

TEMPERATURE vs CAPACITY

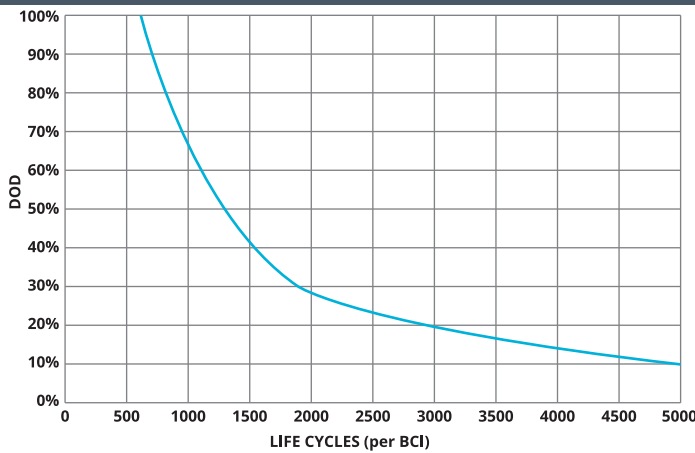


STATE of CHARGE (SOC) vs OPEN CIRCUIT VOLTAGE (OCV)

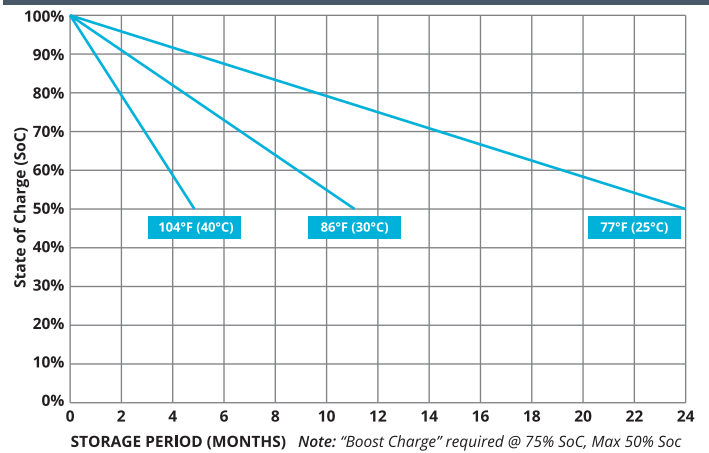


CYCLE LIFE vs DEPTH of DISCHARGE (DOD)

*(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

	Battery Voltages			
Charge Stage	12V	24V	36V	48V
Bulk	14.7V	29.4V	44.1V	58.8V
Absorption	14.7V	29.4V	44.1V	58.8V
Float	13.6V	27.2V	40.8V	54.6V

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

TERMINAL TORQUE SPECS

Terminal Type	ft-lbs	in-lbs	Nm
AP, DT (AP), M6, M6M (Stud), TP07 (AP), TP08 (AP)	4.2 - 6.0	50-70	5.6 - 7.9
FR45	6.0 - 7.5	70-90	7.9 - 10.1
M8	7.1 - 8.0	85-95	9.6 - 10.7
DT (Stud), M10M (Stud)	9.2 - 10.4	110-125	12.2 - 14



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)**