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DCG40-12



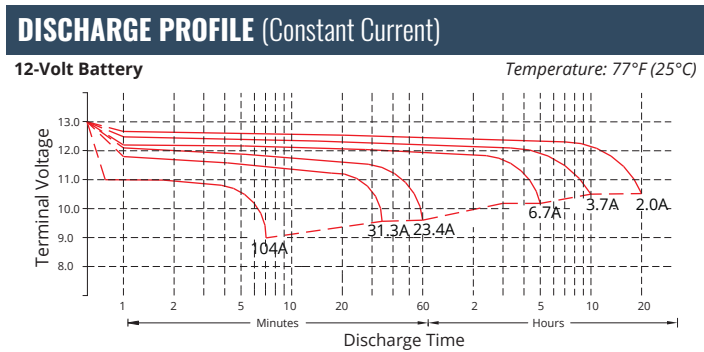
CYCLING CAPACITY	
20 Hour Rate	40 Amp Hours

RESERVE CAPACITY	
Reserve @25 AMPS	51 Minutes
Reserve @75 AMPS	11 Minutes

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12 Volt
C100	46 AH
C20	40 AH
C10	37 AH
C5	33 AH
C3	29 AH
C2	27 AH
C1	23 AH
Internal Resistance	11.0mΩ

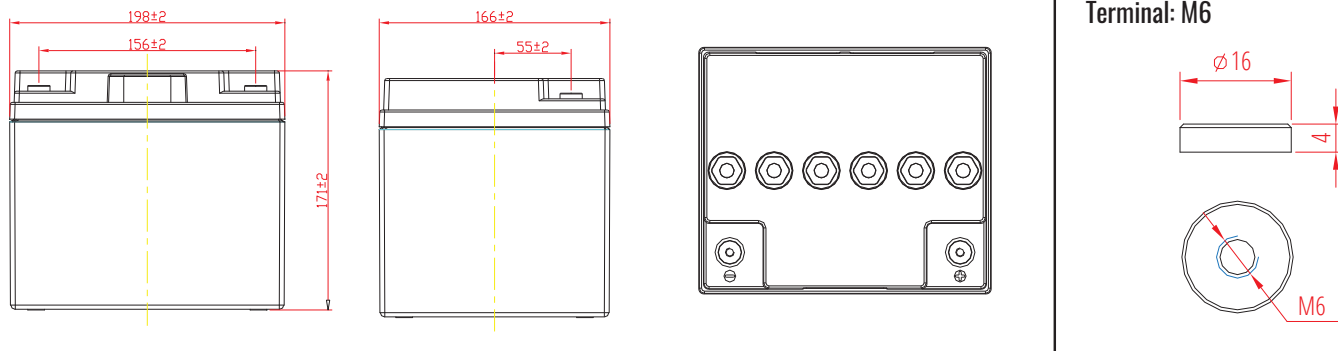
MECHANICAL SPECIFICATIONS	
Group Size	U1L
Terminal Type	M6
Terminal Torque	See reverse side
Height (w/ terminal)	6.73" 171mm
Height (case only)	6.73" 171mm
Width	6.54" 166mm
Length	7.80" 198mm
Weight	30.4 lbs. 13.8 kg
Case Type	ABS Plastic - Flame Res. Rating UL94-HB

DISCHARGE TABLE (Constant Current)		
Time	Amps	Rate
20hr	2.0	0.05CA
10hr	3.7	0.10CA
8hr	4.4	0.13CA
5hr	6.7	0.25CA
3hr	9.8	0.33CA
2hr	13.4	0.50CA
1hr	23.4	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.

BATTERY & TERMINAL DIMENSIONS (All units shown in mm)

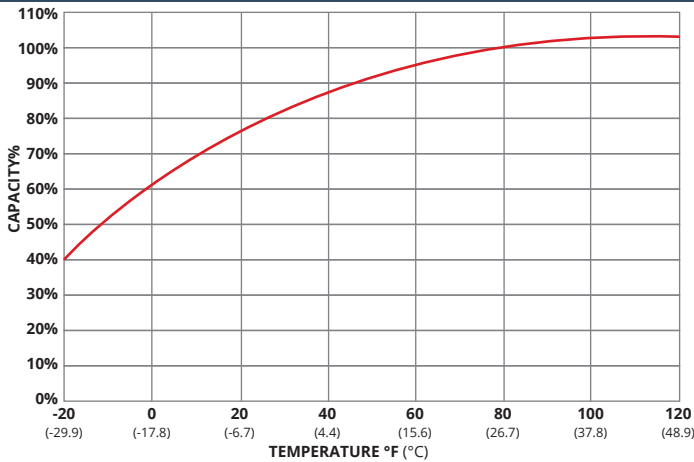


Two Great Stores to choose from...

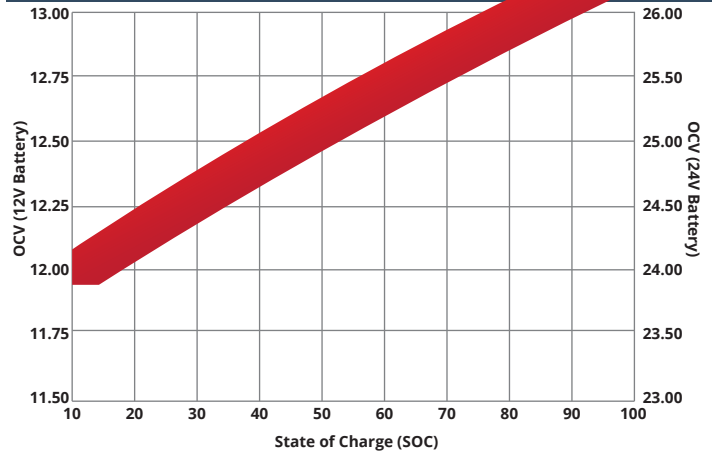
7 Cemetery Rd, Mackay QLD 4740 Phone 07 4957 6123	Unit 16, 547 Woolcock St, Mt Louisa, Townsville QLD 4814 Phone 07 4774 7344
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PREMIUM DEEP CYCLE GEL SERIES | DEEP CYCLE GEL

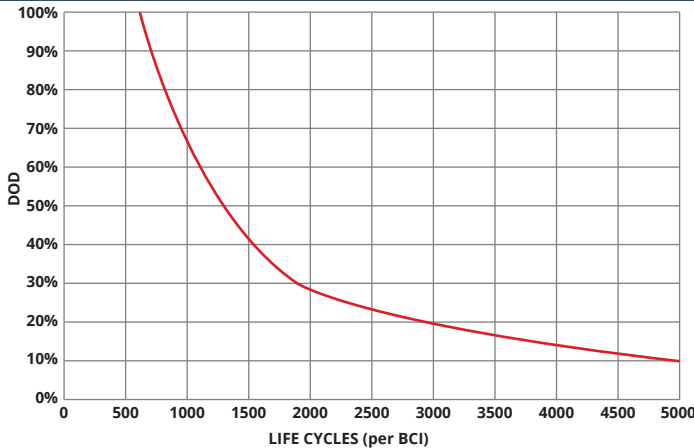
TEMPERATURE vs CAPACITY



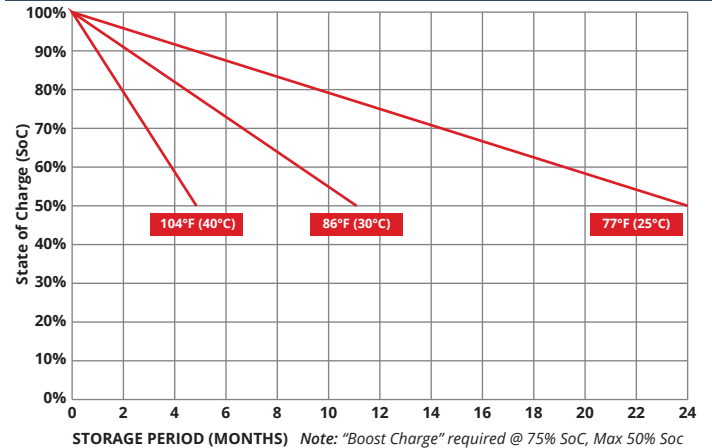
STATE of CHARGE (SOC) vs OPEN CIRCUIT VOLTAGE



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			
	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 (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

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