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DC60-12A



CYCLING CAPACITY

20 Hour Rate **60 Amp Hours**

RESERVE CAPACITY

Reserve @25 AMPS **95 Minutes** Reserve @75 AMPS **24 Minutes**

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12 Volt
C100	66 AH
C20	60 AH
C10	54 AH
C5	49.2 AH
CCA	410 Amps
CA or MCA	485 Amps
HPCA	900 Amps
Internal Resistance	7mΩ

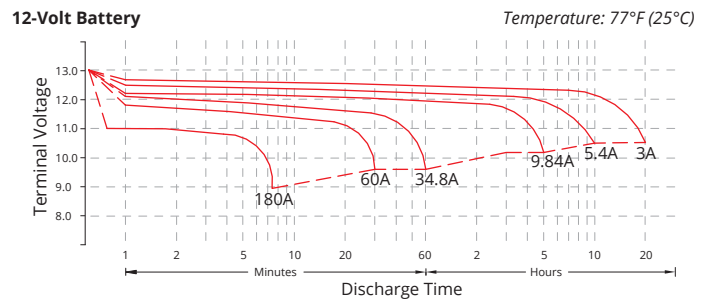
MECHANICAL SPECIFICATIONS

Group Size	48	
Terminal Type	AP	
Terminal Torque	See reverse side	
Height (w/ terminal)	7.40"	188mm
Height (case only)	7.40"	188mm
Width	6.54"	166mm
Length	10.43"	265mm
Weight	45.64 lbs.	20.7 kg
Case Type	ABS Plastic - Flame Res. Rating UL94-HB	

DISCHARGE TABLE (Constant Current)

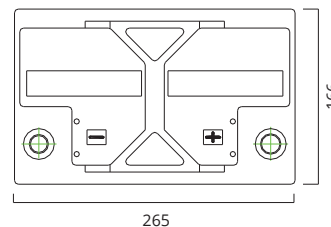
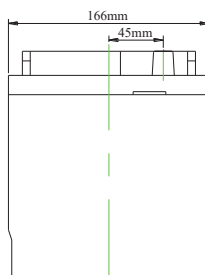
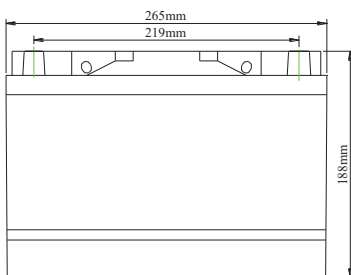
Time	Amps	Rate
20hr	3.0	0.05CA
10hr	5.4	0.10CA
8hr	6.53	0.13CA
5hr	9.52	0.20CA
3hr	13.58	0.33CA
2hr	18.1	0.50CA
1hr	34.1	1.00CA

DISCHARGE PROFILE (Constant Current)

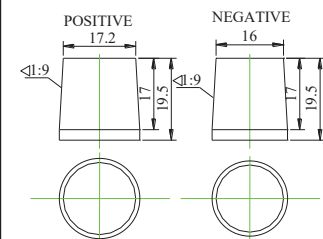


- All listed ratings are @ 100% SoC, T=77°F (25°C), 1.75VPC unless otherwise specified.
 - Specifications listed are for estimation purposes only. Battery performance can vary depending on application. Battery design subject to change.

BATTERY & TERMINAL DIMENSIONS (All units shown in mm)



Terminal: AP



Two Great Stores to choose from...

7 Cemetery Rd,
Mackay QLD 4740

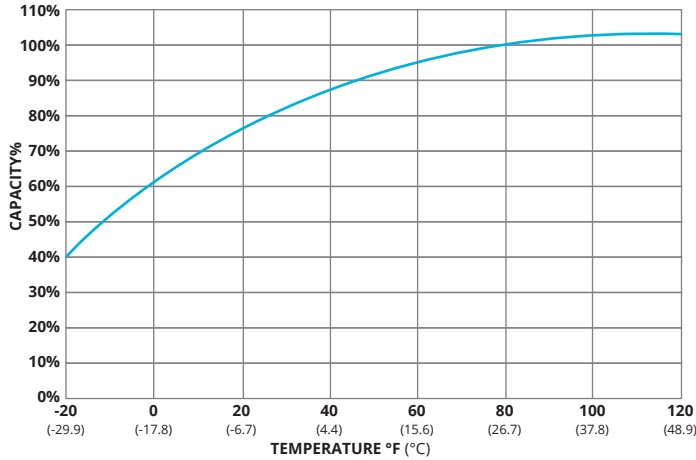
Phone 07 4957 6123

Unit 16, 547 Woolcock St,
Mt Louisa, Townsville QLD 4814

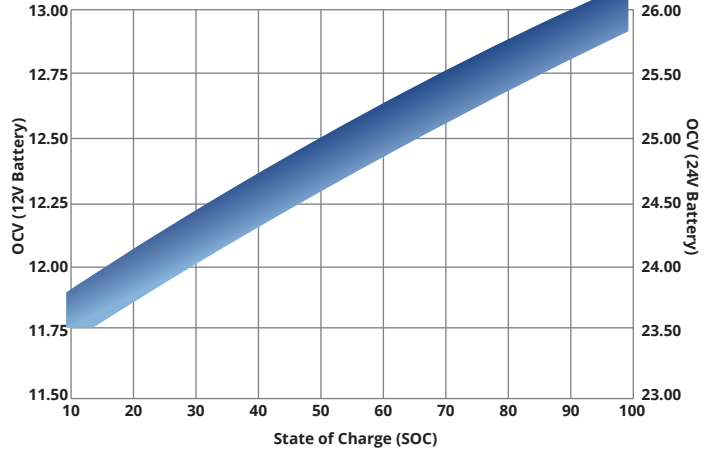
Phone 07 4774 7344

PREMIUM DEEP CYCLE SERIES | DEEP CYCLE AGM

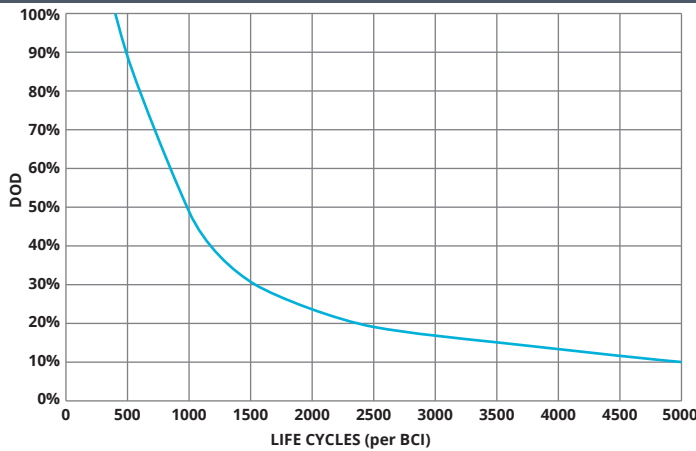
TEMPERATURE vs CAPACITY



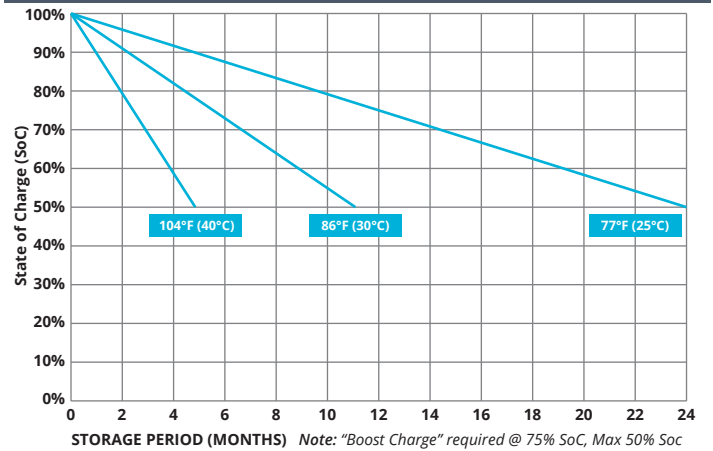
STATE of CHARGE (SOC) vs OPEN CIRCUIT VOLTAGE (OCV)



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			
	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, AP	M8	M10	M6M (Stud)	M8M (Stud)	M10M (Stud)	3/8" Stud	FR45	TP06 (AP)	TP08/TP68 (AP)
4.1-5.8ft-lbs	7.1-7.9ft-lbs	9.6-12ft-lbs	3.3-4.6ft-lbs	4.9-6.3ft-lbs	7.7-9.6ft-lbs	8.9-12ft-lbs	5.8-7.4ft-lbs	3.3-4.6ft-lbs	50-70ft-lbs
50-70lbs-in	85-95lbs-in	115-141lbs-in	40-56lbs-in	58-75lbs-in	92-115lbs-in	106-150lbs-in	70-90lbs-in	40-56lbs-in	63-83lbs-in
5.6-7.9Nm	9.6-10.7Nm	13-16Nm	4.5-6.3Nm	6.6-8.5Nm	10.4-13Nm	12-16.9Nm	7.9-10.1Nm	4.5-6.3Nm	7.1-9.4Nm

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