DC26-12B

26AH@20HR
12-Volt

DEEP CYCLE

Maintenance-Free
Sealed AGM Battery

Nominal Specifications

Battery Model	DC26-12B	Rated Capacity	26AH/20HR

Mechanical Specifications

Group Size	N/A	
Overall Height (H)	125±1.5mm	4.92″
Container Height (h)	125±1.5mm	4.92″
Length	165±1mm	6.50″
Width	176±1mm	6.93″
Weight	Approx. 9.6kg	21.16lbs.
Terminal Type	M6- Button Terminal	
Terminal Torque	5.6-7.9 N.m	
Container Material	ABS Standard ˜UL 94-HB ˜	

Electrical Specifications

C100	30AH
C20	26AH
C10	23.4AH
C5	21.3AH
CCA	165A
CA or MCA	200A
HPCA	235A
Max. Discharge Current	390A (5s)
Internal Resistance	8mΩ

Reserve Capacity

Reserve @25 AMPS	30 Minutes
Reserve @75 AMPS	/

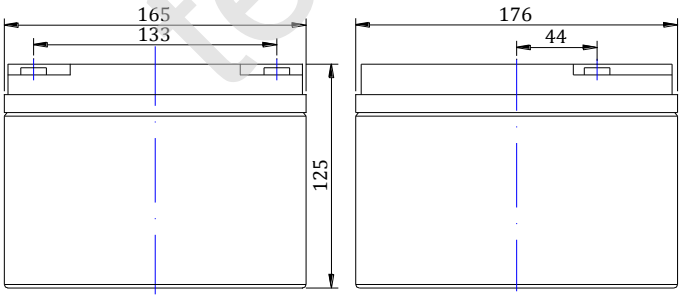
Temperature Range Specifications

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

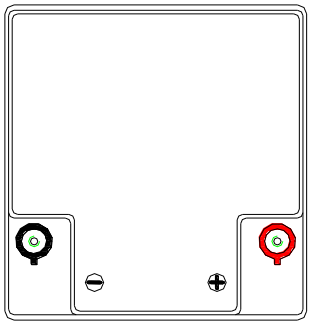
Charge Voltages

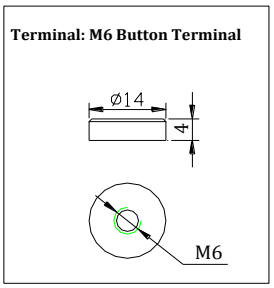
Float Charging Voltage	13.5 to 13.8 VDC/unit@ (25°C)	
Equalization and Cycle Service Charging Voltage	14.3 to 14.5 VDC/unit @(25°C)	
Maximum Charge Current(A)	6.5A	
Charging Temperature Compensation	Cycle use	-4mV/cell/
	Float use	-3mV/cell/

BATTERY & TERMINAL DIMENSIONS (All units shown in mm)



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





Constant Current Discharge Rating Amperes @ 77 ′(25)

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H
1.75V	38	24	18	14.3	8.0	5.9	4.1	2.8	2.34	1.99	1.30

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

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs specification are subject to modification without notice. Contact Fullriver for the latest information.

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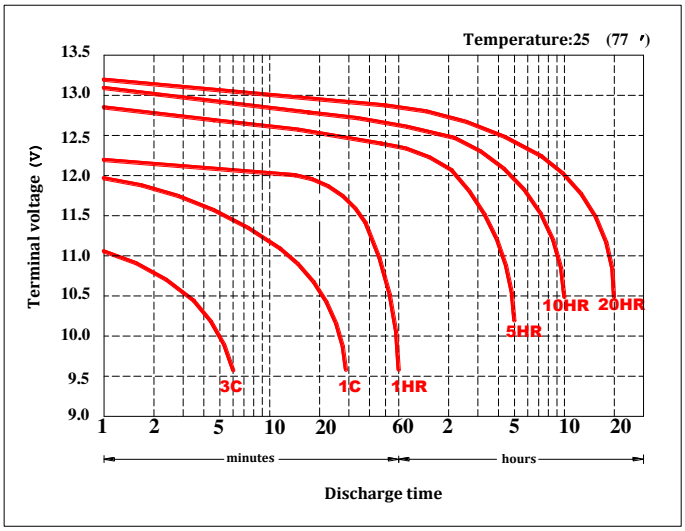
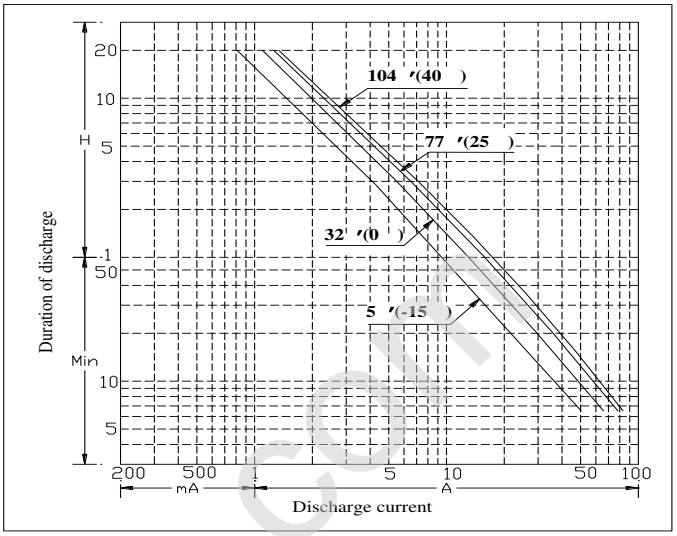
DC26-12B DATA SHEET

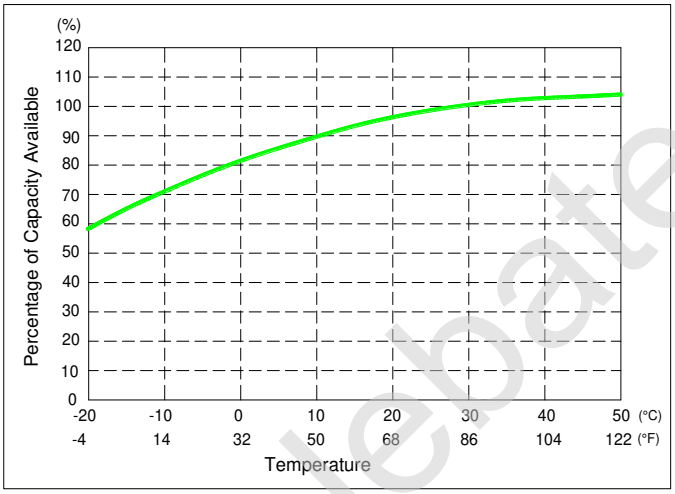
Terminal Voltage(V) and Discharge Time



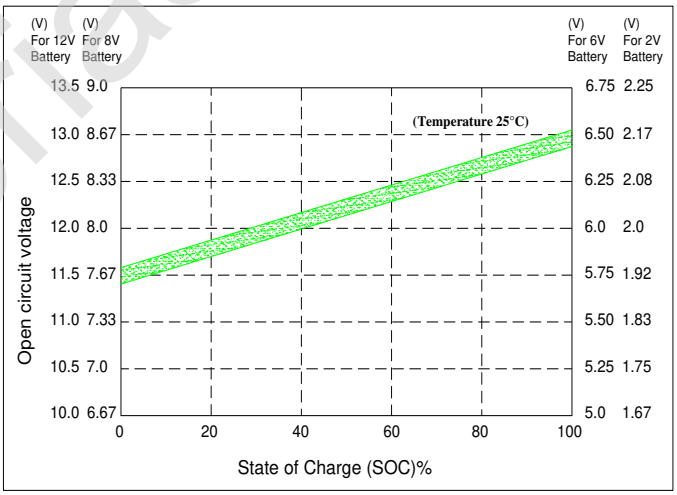
Duration of discharge vs. Discharge current



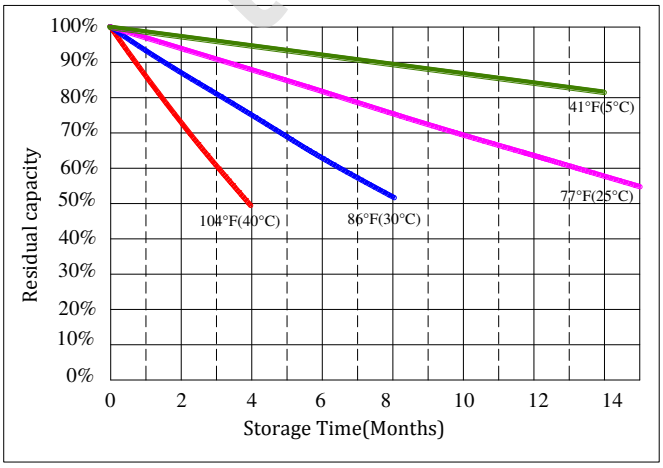
Percent Capacity vs. Temperature



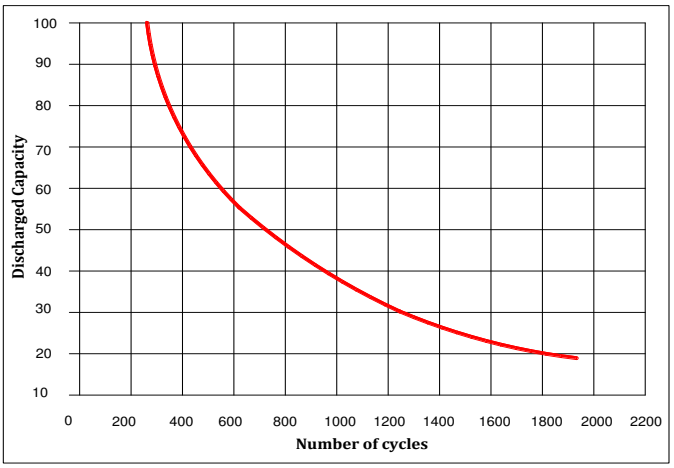
State of Charge(SOC) vs Open Circuit Voltage(OCV)



Capacity Retention Characteristic



Cycle Life vs. Depth of Discharge(DOD)



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