12 V 40 AH DEEP CYCLE GEL BATTERY

Nano Carbon Valve Regulated Lead Acid

Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	40Ah@20hr-rate to 1.75V per cell @25 C
Weight	Approx. 12.8 Kg (Tolerance± 3%)
Max. Discharge Current	350 A (5 sec)
Internal Resistance	Approx.8 .5 mΩ
Operating Temperature Range	Discharge: -40 C° ~60 C° Charge:-20°C~50°C Storage: -40 C°~60 C°
Normal Operating Temperature Range	25 C°±5 C°
Float charging Voltage	13.6to 13.8 VDC/unit Average at 25 C°
Recommended Maximum Charging Current	8.0A
Equalization and Cycle Service	14.2 to 14.4VDC/unit Average at 25 C°
Self Discharge	Agr Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 8 months at 25C°and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25.C° Please charge batteries before using.
Terminal	Terminal F4/F11
Dimensions Unit: mm	198(L) X 166(W) X 171(H)
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

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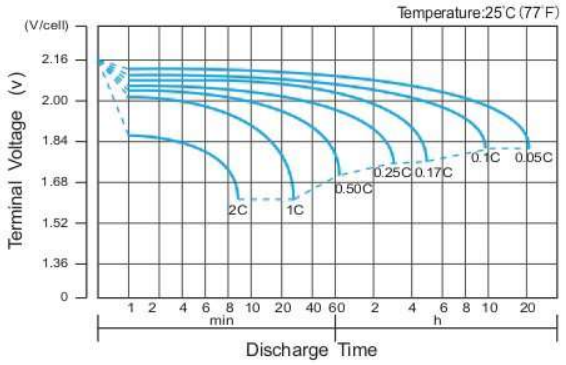
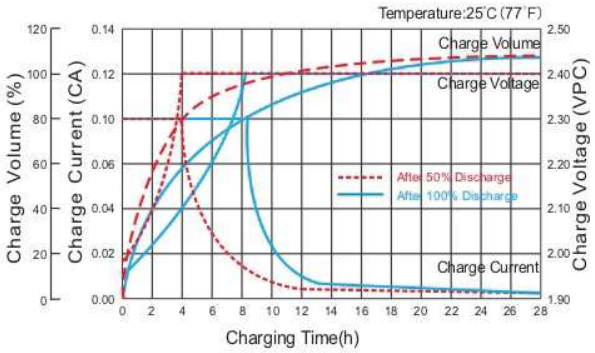
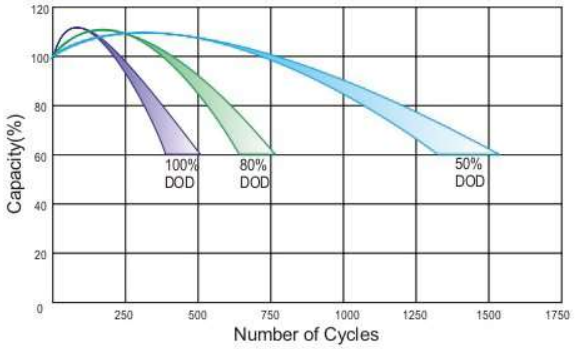
Discharge Characteristics Curve



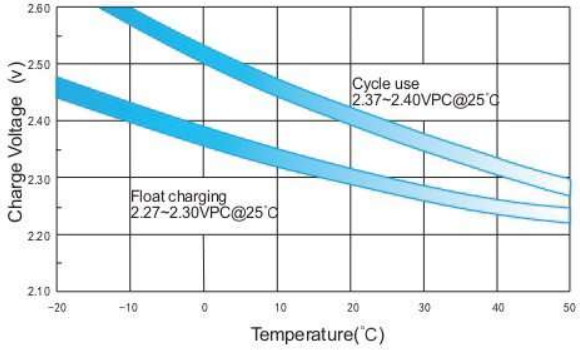
Charge Characteristic Curve for Cycle Use(IU)



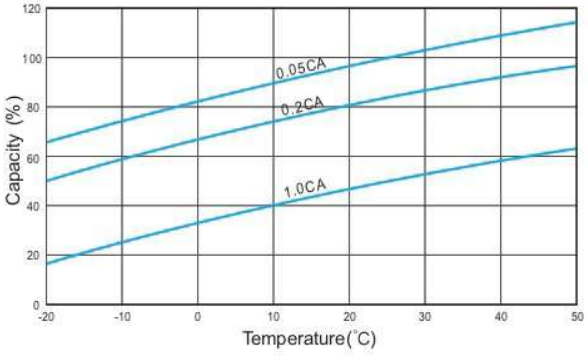
Cycle Life in Relation to Depth of Discharge



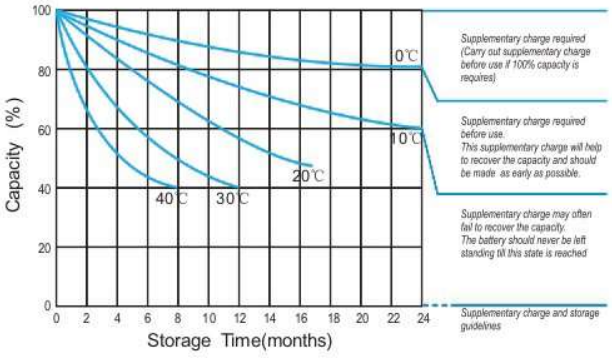
Relationship Between Charging Voltage and Temperature



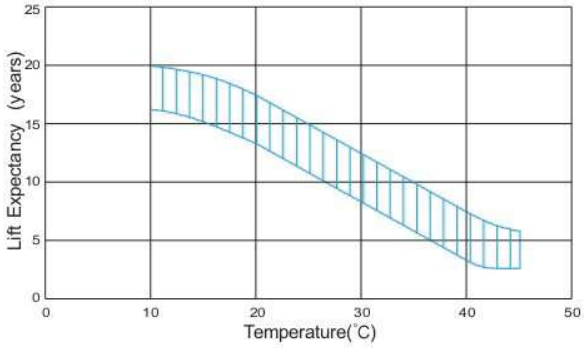
Temperature Effects on Capacity



Storage Characteristics



Effect of Temperature on Long Term Life



Relationship of OCV And State of Charge(20°C)