

# Deep Cycle GEL VRLA Batteries

The highest quality VRLA sealed GEL batteries with operation lifetime up to 15 years and 1,350-1,550 cycles (50% DOD) before they lose only 40% of their capacity. Compare that to standard flooded lead acid batteries and you will see you are getting 3-4 times the lifetime for about the same cost. Both the 55ah and 160Ah pack a punch yet are easy to carry and handle. Gone are the days of checking and filling batteries every few months and risks with battery acid spilling!

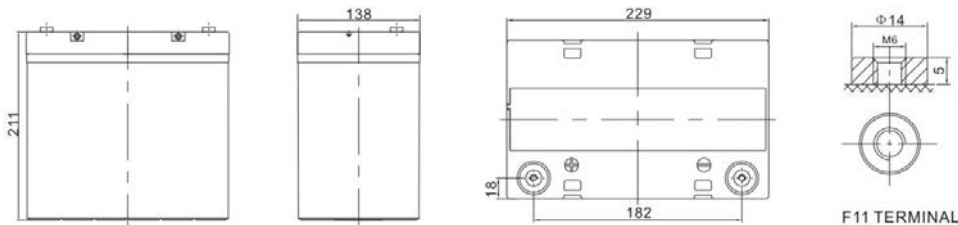
## SPECIFICATIONS

	55Ah	160Ah
<b>Dimensions</b>	9.02" x 5.43" 8.5" Height	20.9" x 8.15" 8.6" Height
<b>Voltage</b>	12V	12V
<b>Max Discharge Current</b>	1600A	550A
<b>Weight</b>	37 lbs	106 lbs
<b>Design Life</b>	15 Years	15 Years
<b>Float Charge Voltage</b>	13.6V - 13.8V	13.6V - 13.8V
<b>Cycle Use Voltage</b>	14.2V - 14.4V	14.2V - 14.4V
<b>Normal Operating Temperature</b>	25° C	25° C
<b>Terminals: Female Thread with Washers/Bolt</b>	M6 (F11)	M8 (F12)

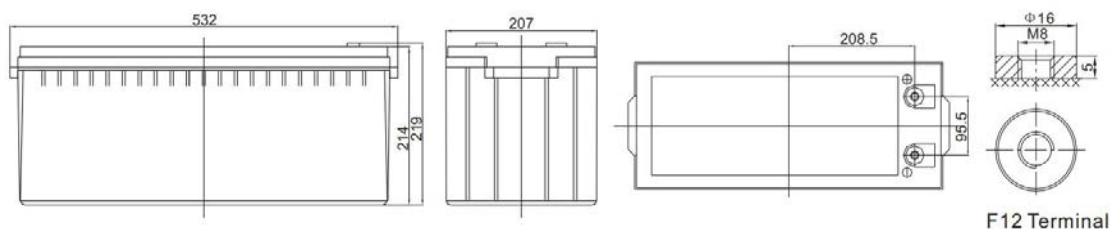
The highest quality and longest lifetime lead acid batteries on the market today!



55Ah



160Ah



RURAL POWER SYSTEMS

ruralpowersystems.com

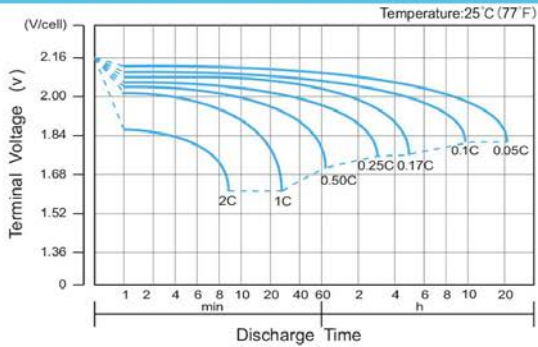
support@ruralpowersystems.com

888-637-4493

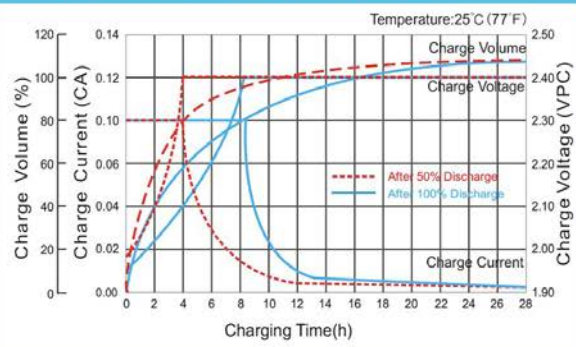
40250 County Road 27  
Woodland, CA 95776

# Deep Cycle VLRA Gel Batteries

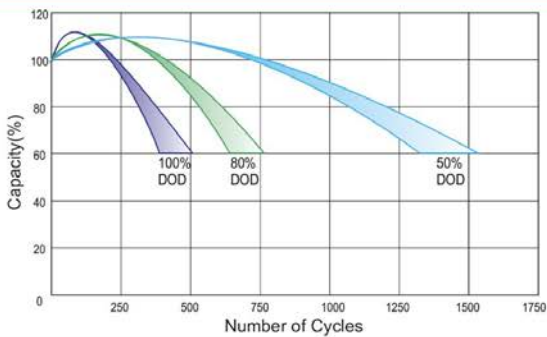
**Discharge Characteristics Curve**



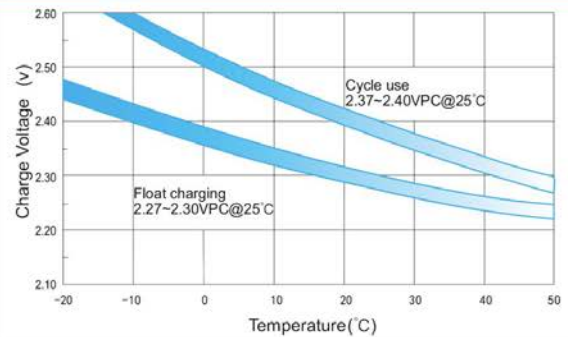
**Charge Characteristic Curve for Cycle Use(IU)**



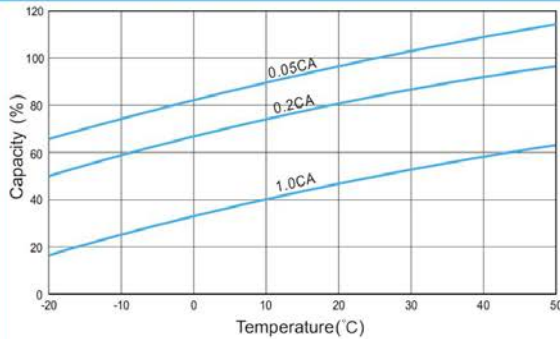
**Cycle Life in Relation to Depth of Discharge**



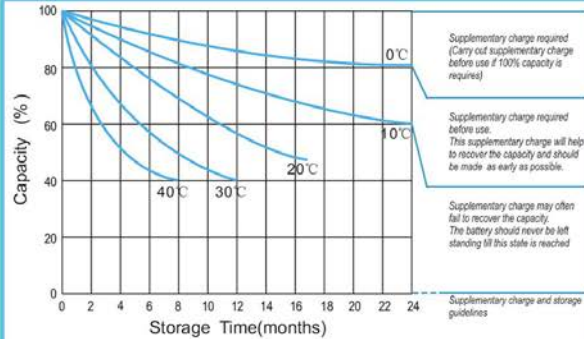
**Relationship Between Charging Voltage and Temperature**



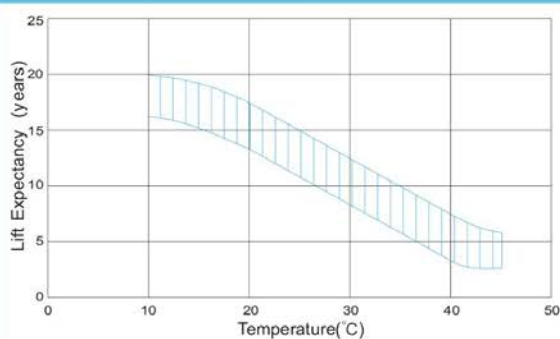
**Temperature Effects on Capacity**



**Storage Characteristics**



**Effect of Temperature on Long Term Life**



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

