

## Westech Gel battery 75 Ah

This Battery is a combination of AGM and GEL Deep Cycle-Battery. This construction has extra-durable cycles under extreme temperatures.

### Application:

- Off-Grid
- Uninterruptible Power Supply
- Communication and Telecommunication Systems
- Nautical
- Camping

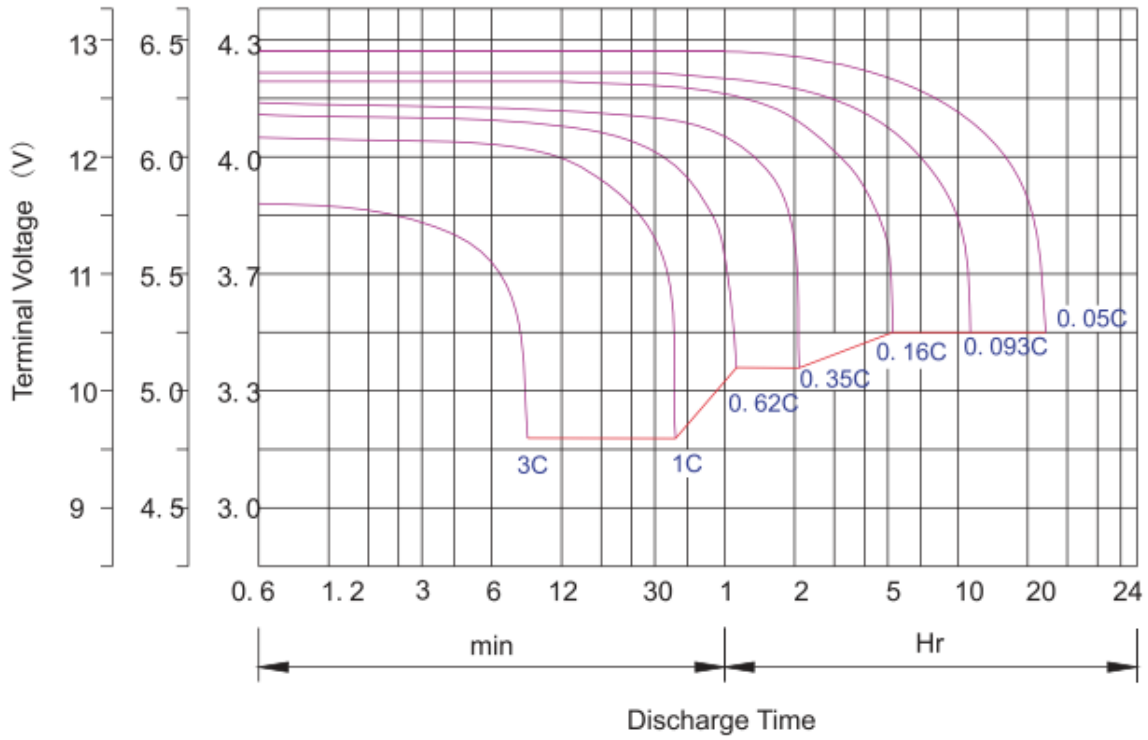
### General Features:

- Safety Sealing
- Non-spillable construction
- High Reliability and Stability
- Sealed and Maintenance-free
- Safety and Quality certification
- Long Life and low self-discharge design

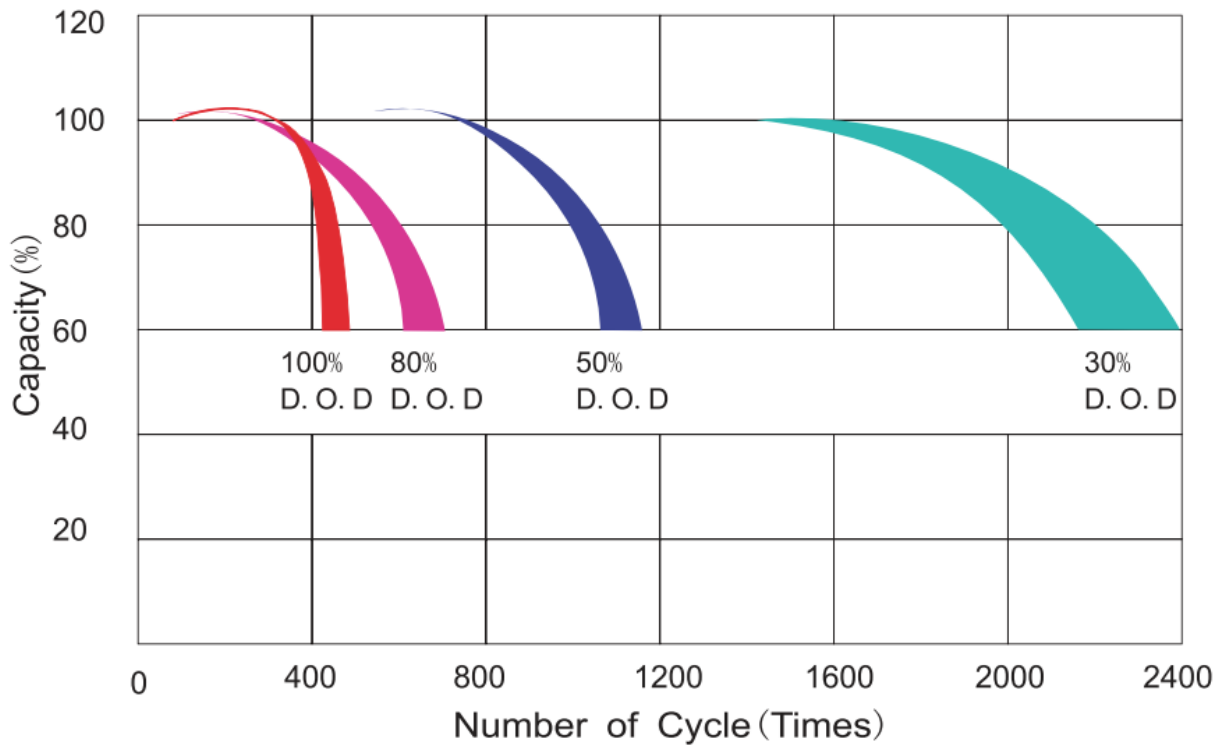
### Technical Data

Battery		75 Ah / # 4211-3			
Nominal Voltage	12 V				
Positive Electrode	Lead dioxide				
Negative Electrode	Lead				
Electrolyte	Thixotropic Sulfuric Acid Gel				
Separator	Macromolecule-Polymer				
Size (L x W x H)	260 mm x 169 mm x 210 mm				
Height incl. Terminal	214 mm				
Weight	20,5 kg				
Container	ABS				
Safety Valve	EPDR				
Connection	Copper M6 Thread				
Capacity at 25°C	10 h	5 h	3 h	1 h	
	75 Ah	66,7 Ah	58,2 Ah	45 Ah	
Max. Discharge Current	750 A (5 s)				
Internal Resistor	Full charged at 25°C: 6,4 mΩ				
Capacity at Temperatures	40°C	25°C	0°C	-15°C	
	102%	100%	85%	65%	
Self-discharge after at 25°C	3 Months	6 Months	1 Year		
	91%	82%	64%		
Charge Type at 25°C	Cyclic charge		Float Charge		
	14,4-15 V max. 22 A		13,5 – 13,8 V		

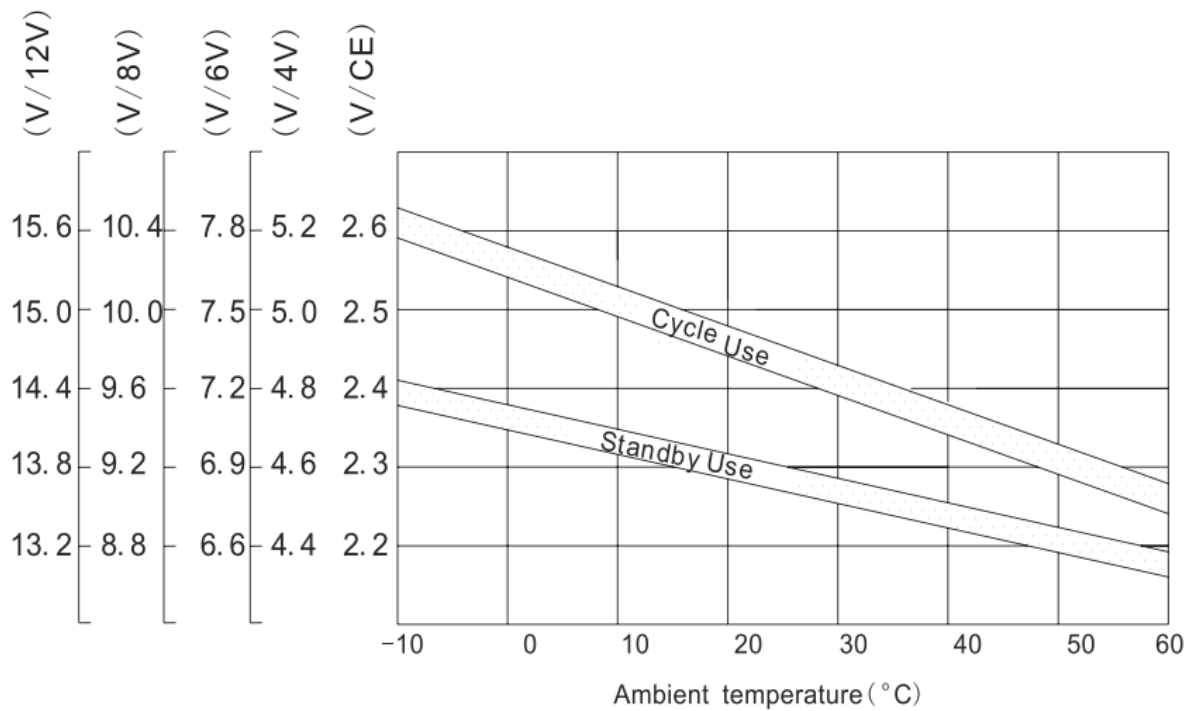
## Discharge Characteristics



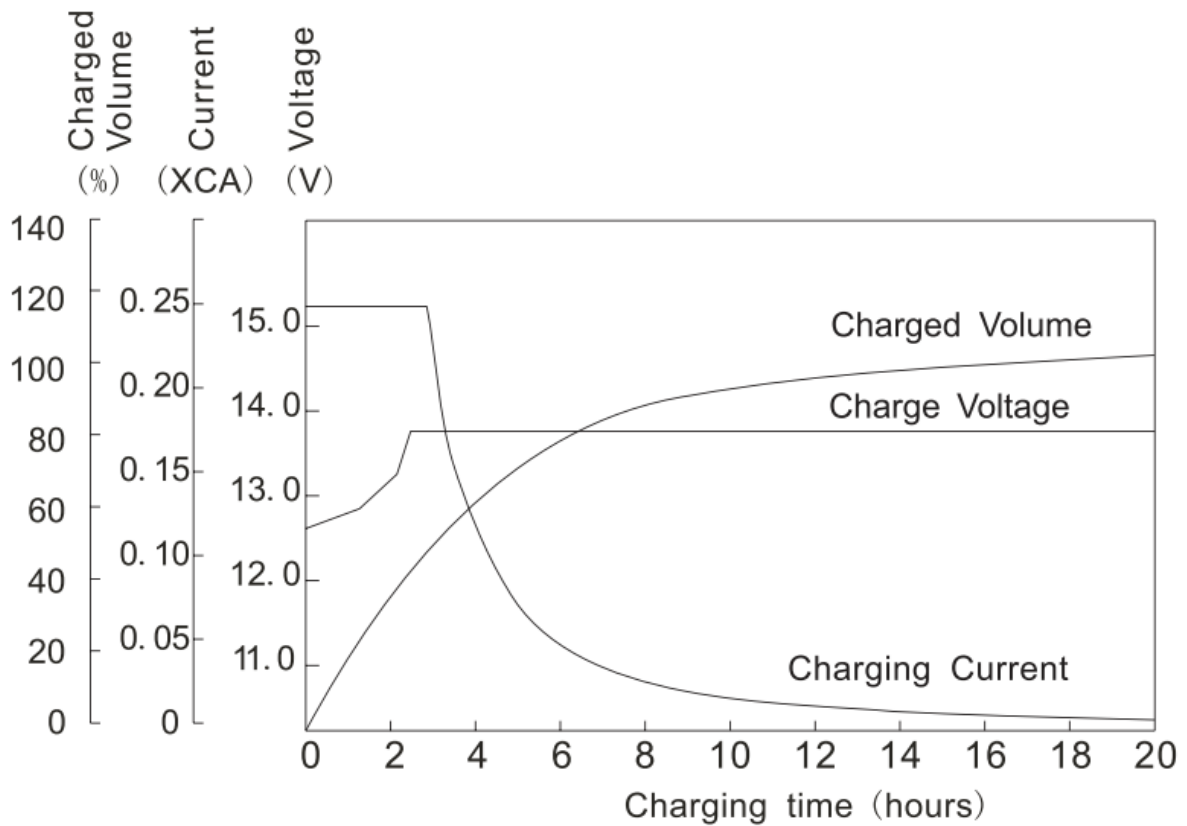
## Cycle Service Life in relation to Depth of Discharge



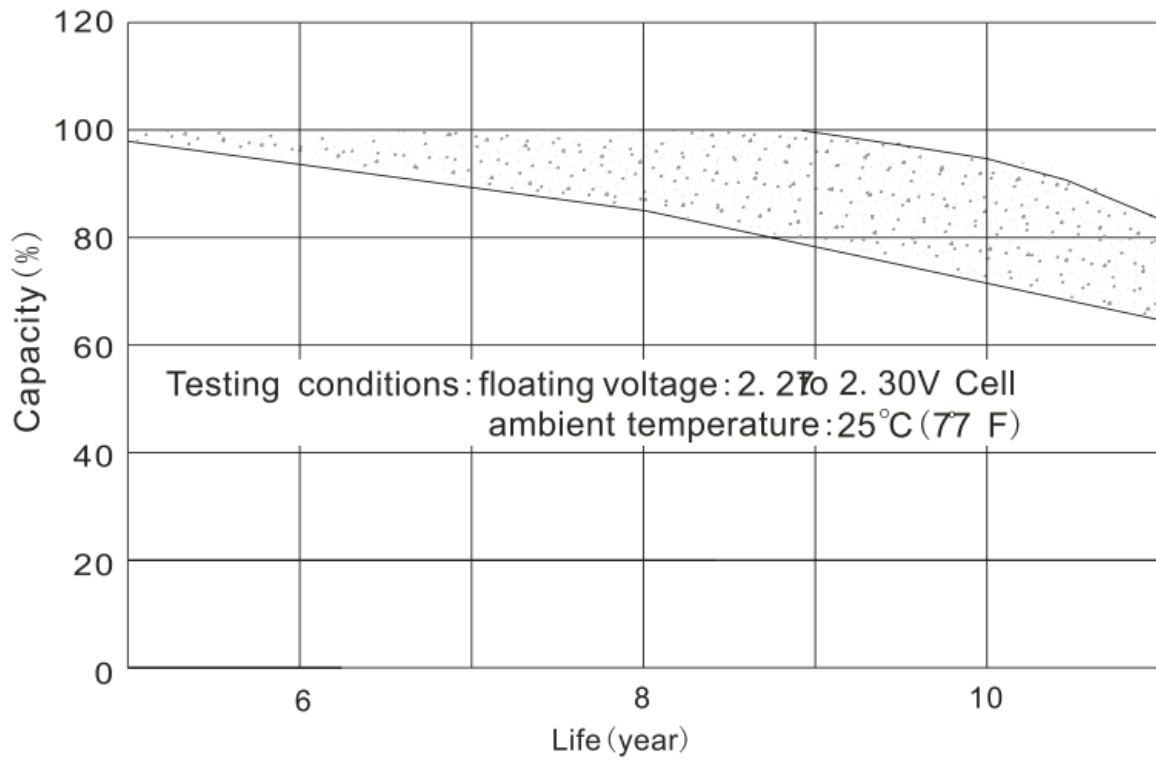
### Relationship between charging voltage and ambient temperature



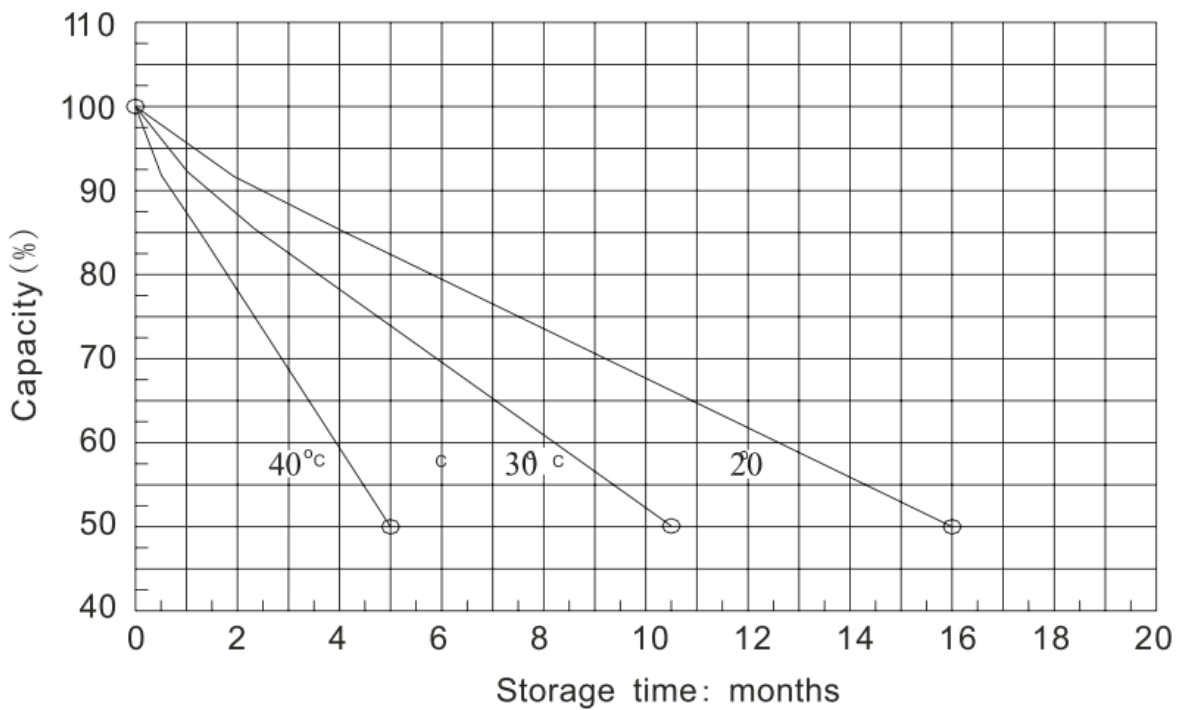
### Constant voltage charge characteristics



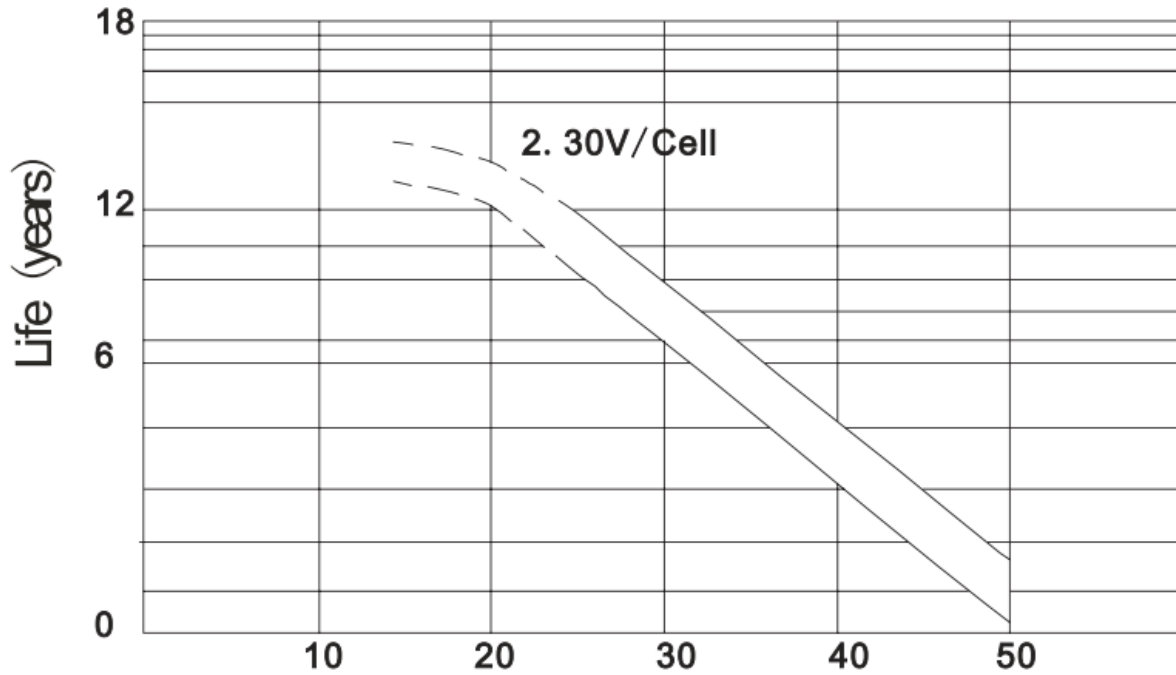
### Life characteristics of Standby use



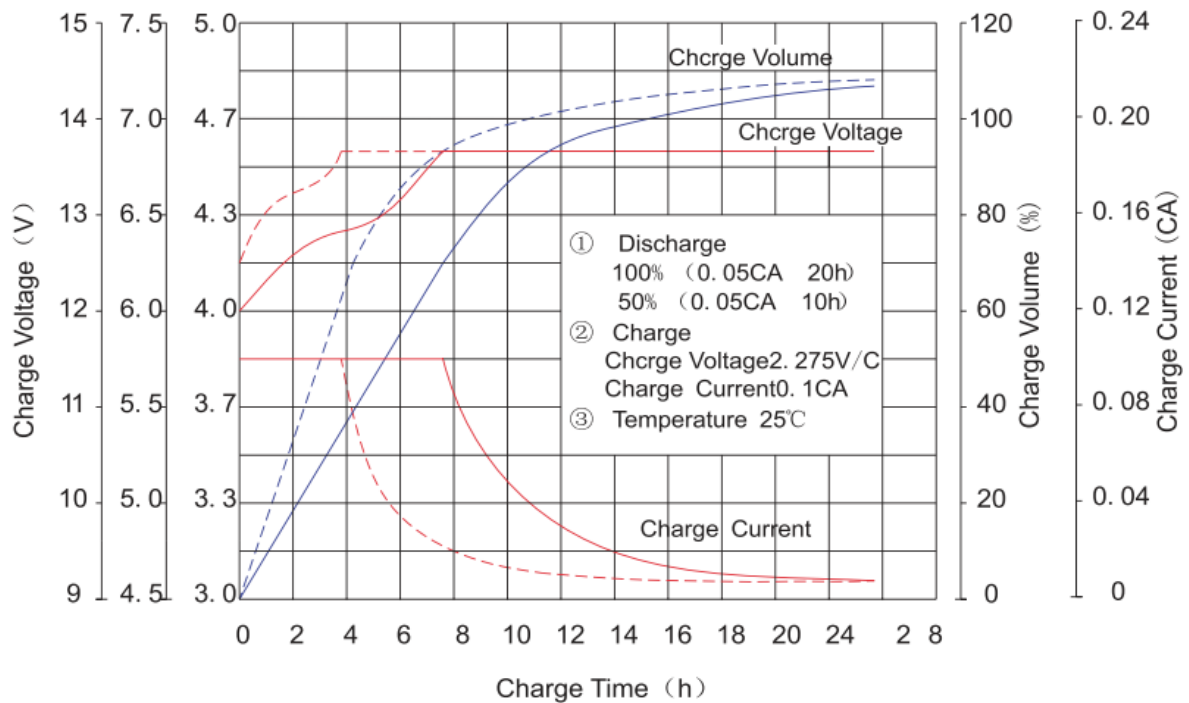
### Self-discharge



### Temperature effects on float life



### Charge characteristics for Standby use





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