

# ZGL120054

## Constant Current Discharge Rating Amperes @ 25°C (77°F)

F.V/Time	5M	10M	15M	30M	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
10.5	119.7	88.25	73.46	49.18	28.57	15.9	11.56	9.54	7.76	5.45	4.590	2.363

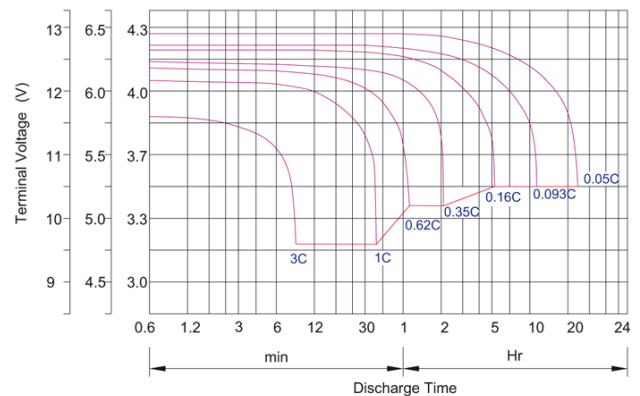
## Characteristics

Capacity 25°C (77°F)	20 hour rate (13A to 10.5Volts) 5 hour rate (42.8A to 10.2Volts)	45AH 38.3AH	
Internal Resistance	Full charged Battery 25°C (77°F)	8mΩ	
Capacity affected by Temperature (20 hour rate)	40°C (104°F) 25°C (77°F) 0°C (32°F) -10°C (14°F)	107% 100% 76% 66%	
Self-Discharge	Batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.		
Standard Terminal	M6		
Max. Discharge Current 25°C (77°F)	450A (5s)		
Final Discharge Voltage V/cell	1.75V	1.70V	1.60V
Discharge Current (A)	(A) ≤ 0.2C	0.2 < (A) < 1.0C	(A) ≥ 1.0C
Charging (Constant Voltage)	Cycle Initial Charging Current 13.5A Or Small 14.6V~14.8V/ 25°C (77°F) Float 13.6V~13.8V/ 25°C (77°F)		
Container Material	A.B.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.		

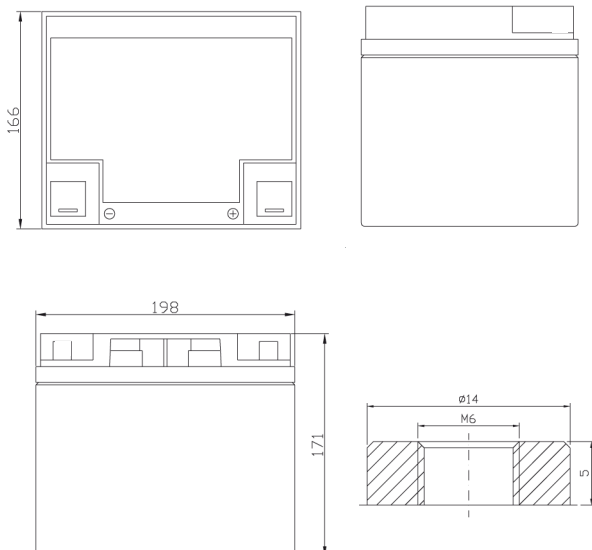
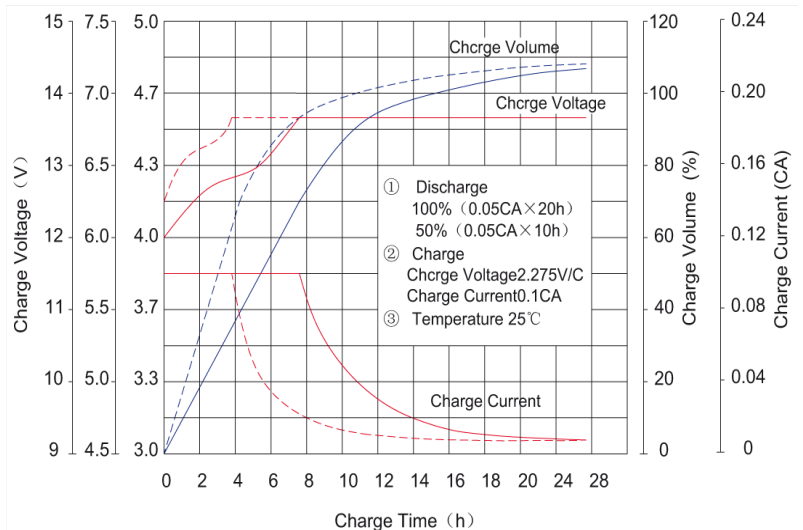
## Specifications

Nominal Voltage	12V	
Rated Capacity (20 hour rate)	45Ah	
Dimension	Total Height (with terminals)	171mm (6.737 inches)
	Height	171mm (6.737 inches)
	Length	198mm (7.801 inches)
	Width	166mm (6.540 inches)
Weight	Approx. 13.5 kg (29.7lbs)	

## Discharge characteristics 25°C (77°F)



## Charge characteristic Curve for standby use



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 U.B.S. UNION BATTERY SERVICE for the latest information.

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