

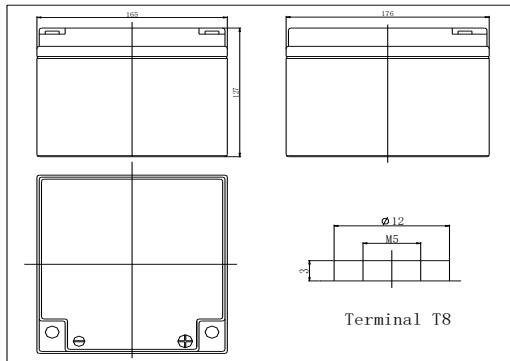
# RPower VDS12-26,0 (12V 26Ah AGM Battery)

VdS No. G117046

EAN: 4260349822657

Floating Life at 20°C designed for up to 6 years

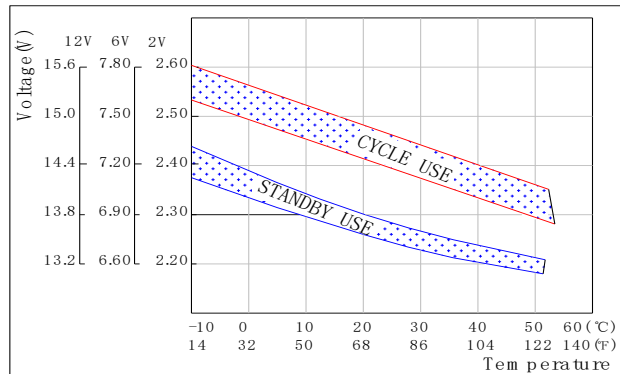
## Dimensions



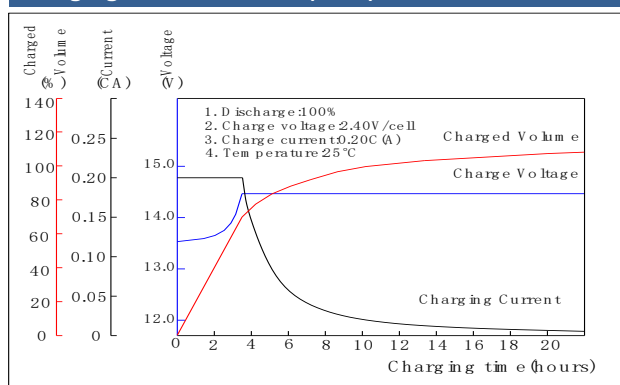
## Specifications

Nominal Voltage	12V	
Capacity (20hr@25°C)	26Ah	
Dimensions (±2mm)	Length	165mm (6.50inch)
	Width	176mm (6.93inch)
	Height	127mm (5.00inch)
	Total Height	127mm (5.00inch)
Approx. Weight	8.40kg (18.52lbs)	
Maximum charging current	7.80A	
Maximum discharge current	390A (5sec.)	
Internal resistance	Approx. 12mΩ	
Capacity affected by temperature (20hr)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature	25°C ±3°C (77°F±5°F)	
Operating temperature range	-20°C~50°C (-4°F~122°F)	
Float charging voltage (25°C)	13.65 to 13.80V	
Cyclic charging voltage (25°C)	14.40 to 15.00V	
Terminal material	Copper	

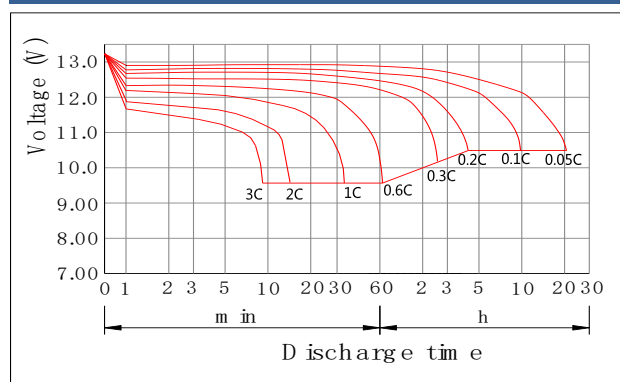
## The Relationship for Charging Voltage and Temperature



## Charging Characteristics (25°C)



## Discharge Characteristics (25°C)



## Constant Current Discharge Characteristics (Ampere / Battery, 25°C)

FV / TIME	5min	10min	15min	30min	1h	3h	5h	10h	20h
10.80V	84,80	56,00	42,40	26,00	15,00	6,56	4,28	2,37	1,25
10.20V	90,20	60,00	44,60	27,20	15,70	6,80	4,42	2,43	1,30
9.60V	95,00	62,00	46,50	28,20	16,20	6,93	4,51	2,47	1,30

## Constant Power Discharge Characteristics (Watt / Battery, 25°C)

FV / TIME	5min	10min	15min	30min	1h	3h	5h	10h	20h
10.80V	946,00	654,00	483,00	280,00	174,00	77,90	51,10	28,40	15,00
10.20V	1006,00	697,00	508,00	312,00	182,00	80,80	52,80	29,10	15,60
9.60V	1060,00	733,00	530,00	323,00	188,00	82,30	53,80	29,60	15,60