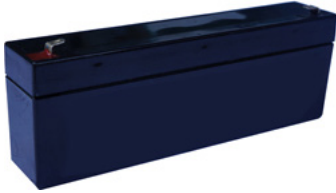


# Lead Acid Rechargeable Battery **multicomp** PRO

**RoHS  
Compliant**



## Application

- UPS
- Alarm and security system
- Toys

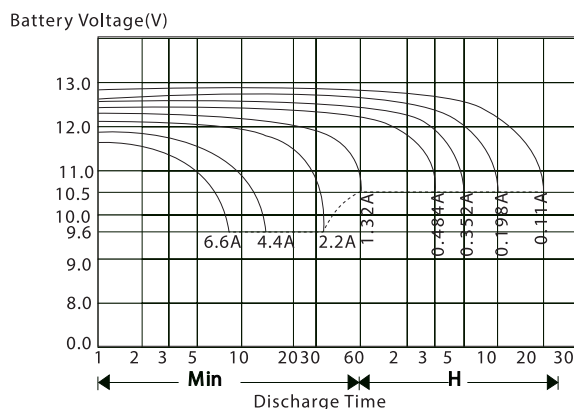
## Dimensions



Nominal voltage		12V
Rated Capacity (20 HR)		2.2Ah
Approx Weight		0.89kg
Terminal	Standard	F3-TAB 187A
	Optional	
Operation Temperature		
Charge	0°C (32°F) to 40°C (104°F)	
Discharge	-20°C (-4°F) to 50°C (122°F)	
Storage	-20°C (-4°F) to 40°C (104°F)	

Capacity 25°C (77°F)	20 hour rate (0.11A)	2.2Ah
	10 hour rate (0.198A)	1.98Ah
	5 hour rate (0.352A)	1.76Ah
	1 hour rate (1.32A)	1.32Ah
Capacity affected by temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
	-15°C (5°F)	65%
Self-discharge at 25°C (77°F) Before recharge	Capacity after 3 month	91%
	Capacity after 6month	82%
	Capacity after 12month	64%
Constant voltage charge	Cycle	Initial Charging Current ≤0.66A 14.4V to 15V at 25°C 77°F
	Standby	13.5V to 13.8V at 25°C (77°F)
Max discharge current for 5 seconds		30.8A

## Discharge characteristic



Note: Discharge shall be cut-off at 10.5V if discharge at 1CA and at 9.6V if at ≥1CA

Dimensions : Millimetres

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## Constant current (Amp) and Constant Power (Watt) Discharge Table at 25°C (77°F)

Time (min) Final voltage		5	10	15	20	30	60	120	180	300	600
		1.8VPC	A	8.48	5.05	3.75	3	2.05	1.19	0.82	0.42
	W	89	53	41	31.5	21.5	12.5	8.5	6.1	3.9	2.2
1.75VPC	A	8.67	5.24	3.87	3.19	2.19	1.32	0.86	0.48	0.35	0.19
	W	91	55	43	33.5	23.5	13.5	9	6.55	4.3	2.3
1.7VPC	A	9.19	5.62	3.98	3.48	2.25	1.38	0.88	0.53	0.41	0.23
	W	96.5	59	47	36.5	26.5	14.5	9.24	6.75	4.4	2.4
1.65VPC	A	9.38	5.81	4.12	3.67	2.35	1.57	0.89	0.58	0.42	0.24
	W	98.5	61	49	38.5	28.5	16.5	9.35	6.8	4.45	2.5
1.6VPC	A	9.52	5.91	4.4	3.81	2.43	1.71	0.9	0.62	0.43	0.25
	W	100	62	50	40	30	18	9.41	6.84	4.5	2.6

### Part Number Table

Description	Part Number
Battery, Lead Acid, 2.2Ah, 12V	MP012436

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