

# Lead Acid Rechargeable Battery **multicomp** PRO

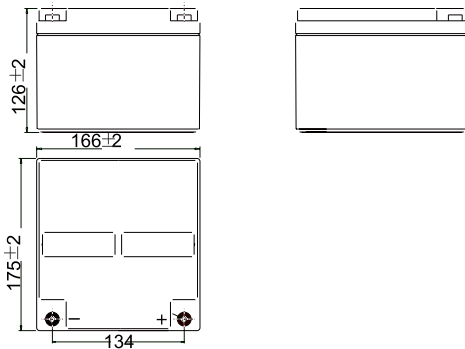
**RoHS  
Compliant**



## Application

- UPS
- Toys
- Power tools
- Medical Equipment
- Control Equipment
- Communication Equipment
- Alarm and security system

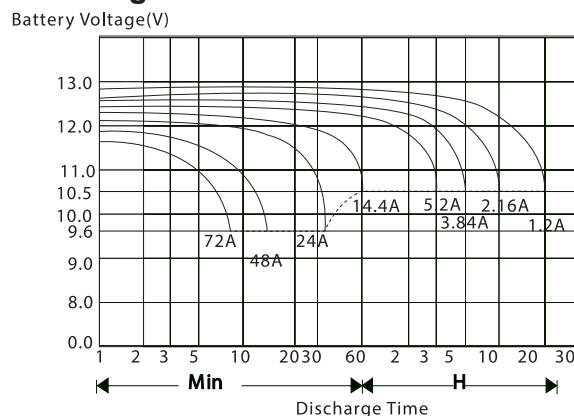
## Dimensions



Nominal voltage	12V	
Rated Capacity (20 HR)	26Ah	
Approx Weight	7.4kg	
Terminal	Standard	B1-M5
	Optional	I2-M5
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 (1.2A)	24Ah
	10 hour rate (2.16A)	21.6Ah
	5 hour rate (3.84A)	19.2Ah
	1 hour rate (14.4A)	14.4Ah
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 6 month	82%
	Capacity after 12 month	64%
Constant voltage charge	Cycle	Initial Charging Current ≤7.2A 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		336A

## 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	91.93	61.6	50.96	42.1	26.13	13.85	9.7	4.65
	W	965	646.8	535	442	274.36	145.43	101.88	48.82	34.23	18.69
1.75VPC	A	92.50	62.16	53.66	43.02	26.6	14.4	9.93	5.2	3.84	2.16
	W	971	652.7	563.5	457.73	279.3	151.2	104.26	54.6	40.32	22.68
1.7VPC	A	92.76	62.43	53.95	43.3	27.05	14.85	10.22	5.85	4.98	2.55
	W	974	655.6	566.5	454.7	284	156	107.3	61.42	52.26	26.77
1.65VPC	A	92.95	62.62	54.14	43.5	27.45	15.54	10.55	6.45	5.14	2.86
	W	975.97	657.5	568.5	456.75	288	163.17	110.78	67.72	54	30
1.6VPC	A	93.1	62.81	54.32	43.68	28.03	16.22	10.78	7.2	5.24	2.95
	W	977.55	659.5	570.4	458.65	294.3	170.3	113.2	75.6	55	31

### Part Number Table

Description	Part Number
Battery, Lead Acid, 26Ah, 12V VR	MP012444

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