

Lead Acid Rechargeable Battery **multicomp** PRO

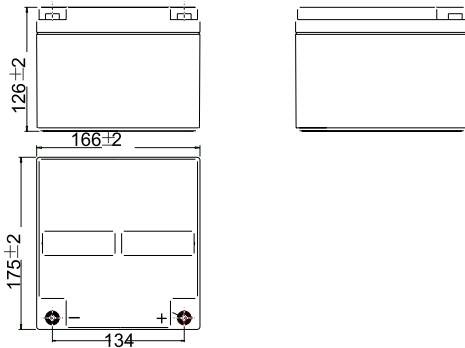
**RoHS
Compliant**



Application

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

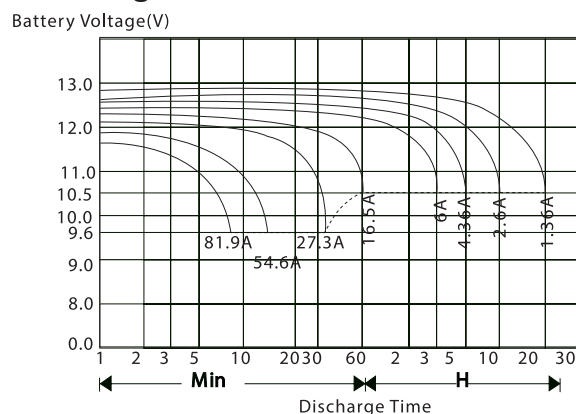
Dimensions



Nominal voltage		12V
Rated Capacity (20 HR)		26Ah
Approx Weight		7.7kg
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 (1.365A)	27.3Ah
	10 hour rate (2.6A)	26Ah
	5 hour rate (4.36A)	21.8Ah
	1 hour rate (16.5A)	16.5Ah
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 ≤ 7.8A 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		364A

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	93.81	62.86	52	42.95	26.67	15.35	9.90	5.24
	W	985	660	570	451	280	180	104	70	48.5	27.5
1.75VPC	A	94.38	63.43	54.76	43.9	27.14	16.5	10.13	6	4.36	2.6
	W	991	666	575	461	285	184	106.39	72	50.86	29
1.7VPC	A	94.66	63.71	55.05	44.19	27.6	17.8	10.42	7.05	4.98	2.84
	W	994	669	578	464	290	187	109.2	74	52.26	29.8
1.65VPC	A	94.85	63.9	55.24	44.38	28.01	18.19	10.76	7.29	5.14	2.86
	W	996	671	580	466	295	191	113	76.5	54	30
1.6VPC	A	95.05	64.1	55.43	44.57	28.6	18.6	11	7.4	5.24	2.95
	W	998	673	582	468	300.3	195	115	77.5	55	31

Part Number Table

Description	Part Number
Battery, Lead Acid, 26Ah, 12V VR	MP012454

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