

Lead Acid Rechargeable Battery **multicomp**PRO

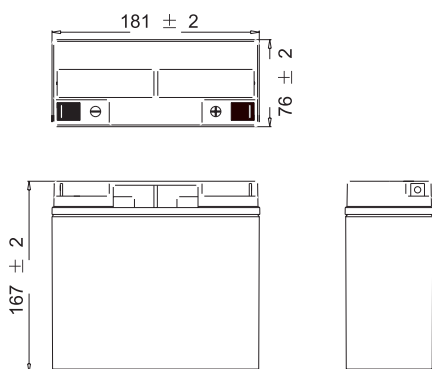
**RoHS
Compliant**



Application

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

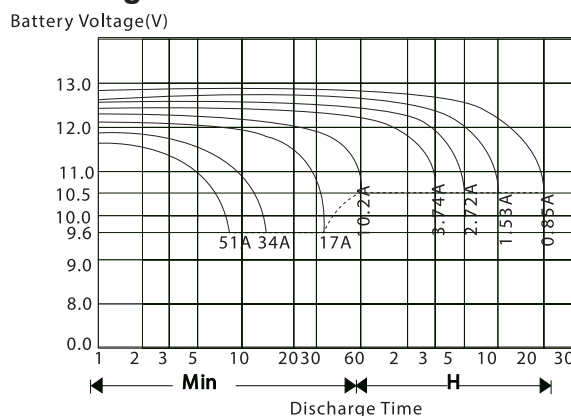
Dimensions



Nominal voltage		12V
Rated Capacity (20 HR)		17Ah
Approx Weight		4.65kg
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 (0.85A)	17Ah
		10 hour rate (1.53A)	15.3Ah
		5 hour rate (2.72A)	13.6Ah
		1 hour rate (10.2A)	10.2Ah
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 ≤5.1A 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			238A

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	54.48	39.58	32.04	21.9	14.86	9.14	5.62	3.62	2.62	1.51
	W	572	362	272	230	156	96	59	42.5	27.5	15
1.75VPC	A	54.95	40.16	32.53	22.09	15.07	10.2	5.85	3.74	2.72	1.53
	W	575	365	275	232	158	99	61.38	44.64	29.34	15.4
1.7VPC	A	55.23	40.98	32.95	22.28	15.23	11.42	6	3.86	2.87	1.54
	W	580	367	277	234	160	101	63	45.99	30.15	15.9
1.65VPC	A	55.43	41.58	33.52	22.47	15.43	12.34	6.07	3.98	2.9	1.56
	W	582	369	279	236	162	102	63.72	46.35	30.5	16.2
1.6VPC	A	55.52	42.25	34	22.57	17.89	13.52	6.11	4.12	2.92	1.58
	W	583	370	280	237	163	103	64.17	46.62	30.8	16.56

Part Number Table

Description	Part Number
Battery, Lead Acid, 17Ah, 12V VR	MP012450

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