

Lead Acid Rechargeable Battery **multicomp** PRO

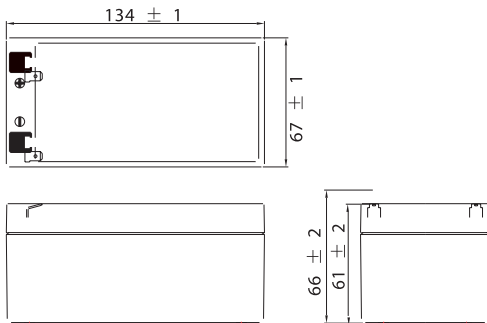
**RoHS
Compliant**



Application

- UPS
- Alarm and security system
- Toys

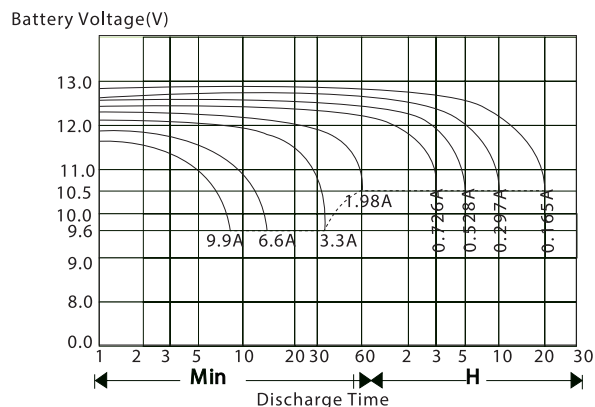
Dimensions



Nominal voltage		12V
Rated Capacity (20 HR)		3.3Ah
Approx Weight		1.3kg
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 (0.165A)	3.3Ah
	10 hour rate (0.297A)	2.97Ah
	5 hour rate (0.528A)	2.64Ah
	1 hour rate (1.98A)	1.98Ah
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 ≤0.99A 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		46.2A

Discharge characteristic



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

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	12.57	7.8	5.57	4.76	3.05	1.52	1.19	0.65
	W	132	82	58.5	50	32	16	13	9.2	5.8	3.2
1.75VPC	A	12.86	8.09	5.76	4.95	3.23	1.98	1.29	0.72	0.52	0.29
	W	135	85	60.5	52	34	18	13.5	9.82	6	3.3
1.7VPC	A	13.24	8.48	6.24	5.24	3.52	2.1	1.32	0.95	0.6	0.32
	W	139	89	65.5	55	37	22	13.86	10	6.2	3.4
1.65VPC	A	13.42	8.67	6.43	5.43	3.71	2.29	1.35	0.97	0.62	0.34
	W	141	91	67.5	57	39	24	14.2	10.2	6.5	3.6
1.6VPC	A	13.57	8.81	6.6	5.52	3.35	2.38	1.38	0.99	0.64	0.36
	W	142.5	92.5	69.3	58	40	25	14.5	10.4	6.8	3.8

Part Number Table

Description	Part Number
Battery, Lead Acid, 3.3Ah, 12V	MP012439

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