

Lead Acid Rechargeable Battery **multicomp** PRO

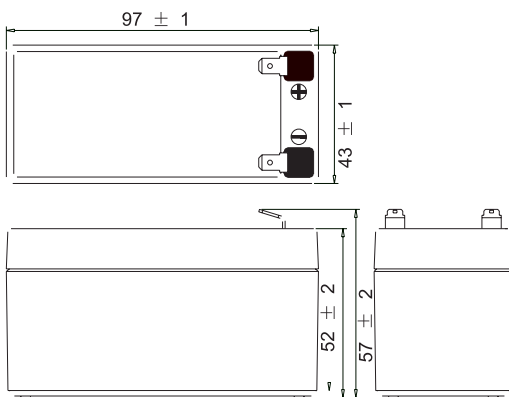
**RoHS
Compliant**



Application

- UPS
- Alarm and security system
- Toys

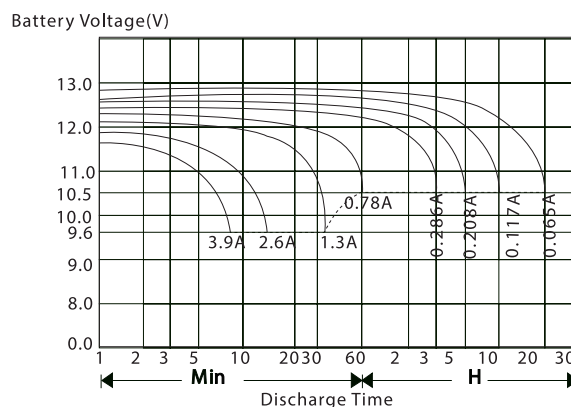
Dimensions



Capacity 25°C 77°F	20 hour rate (0.065A)	1.3Ah
	10 hour rate (0.117A)	1.17Ah
	5 hour rate (0.208A)	1.04Ah
	1 hour rate (0.78A)	0.78Ah
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 0.39A 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		18.2A

Nominal voltage	12V	
Rated Capacity (20 HR)	1.3Ah	
Approx Weight	0.54kg	
Terminal	Standard	F3-TAB 187A
	Optional	
Operation Temperature		
Charge	0°C (32°F) 40°C (104°F)	
Discharge	-20°C (-4°F) 50°C (122°F)	
Storage	-20°C (-4°F) 40°C (104°F)	

Discharge characteristic



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

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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	4.48	2.69	2.06	1.75	1.05	0.71	0.25	0.23
	W	47	28.2	21.6	18.2	11	6.2	2.6	1.6	0.8	1.15
1.75VPC	A	4.76	2.99	2.19	1.92	1.2	0.78	0.32	0.28	0.11	0.07
	W	50	31.4	23	20.2	12.6	7.6	3.4	2.4	1.2	1.25
1.7VPC	A	4.95	3.14	2.38	2	1.31	0.82	0.38	0.32	0.15	0.11
	W	52	33	25	21	13.8	8.2	4	3	1.6	1.3
1.65VPC	A	5.14	3.28	2.48	2.1	1.39	0.86	0.44	0.34	0.18	0.15
	W	54	34.2	26	22	14.6	9	4.6	3.6	2.1	1.4
1.6VPC	A	5.35	3.47	2.6	2.18	1.5	0.93	0.53	0.39	0.21	0.18
	W	56.1	36.4	27.3	22.88	15.74	9.72	5.6	4.14	2.7	1.5

Part Number Table

Description	Part Number
Battery, Lead Acid, 1.3Ah, 12V	MP012435

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