

Lead Acid Rechargeable Battery **multicomp** PRO

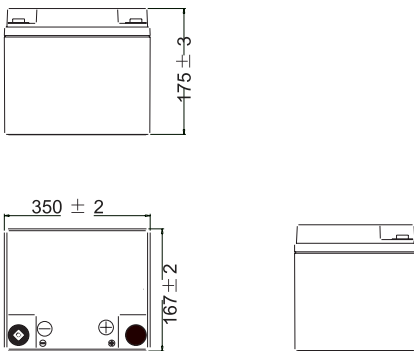
**RoHS
Compliant**



Application

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

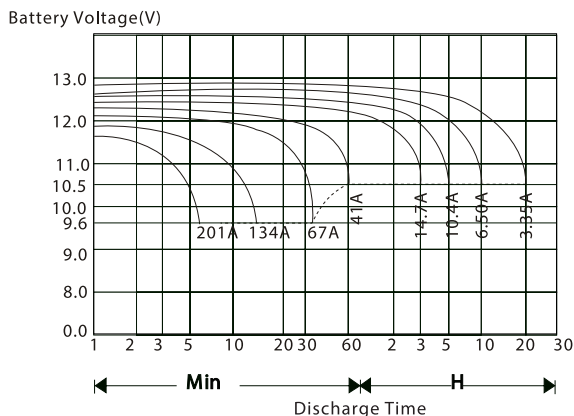
Dimensions



Nominal voltage	12V	
Rated Capacity (20 HR)	65Ah	
Approx Weight	19.7kg	
Terminal	Standard	I1-M6
	Optional	I3-M8
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 (3.35A)	67Ah
	10 hour rate (6.5A)	65Ah
	5 hour rate (10.4A)	52Ah
	1 hour rate (41A)	41Ah
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 ≤19.5A 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		910A

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	236.38	159.04	127.68	85.81	70.67	40.65	25.33	14.56	10.23	6.31
	W	2360	1670	1160	901	737	442	253	173	121.59	67.59
1.75VPC	A	236.85	159.8	128.25	86.09	70.95	41	25.52	14.7	10.4	6.5
	W	2363	1678	1164	904	740	445	258	175	123.54	69.85
1.7VPC	A	237.33	160.19	128.86	86.38	71.23	41.35	26	14.88	10.54	6.68
	W	2365	1682	1167	907	743	449	262	179	127.53	71.56
1.65VPC	A	237.5	160.38	129.46	86.57	71.43	41.65	26.1	15.01	10.68	6.83
	W	2375	1684	1169	909	748	451	265	182	129.87	72.58
1.6VPC	A	237.71	160.48	130	86.67	73.35	41.98	26.19	15.18	10.82	6.95
	W	2380	1568	1170	910	751	453	268	186	131	73.5

Part Number Table

Description	Part Number
Battery, Lead Acid, 65Ah, 12V VR	MP012453

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