

# Lead Acid Rechargeable Battery **multicomp** PRO

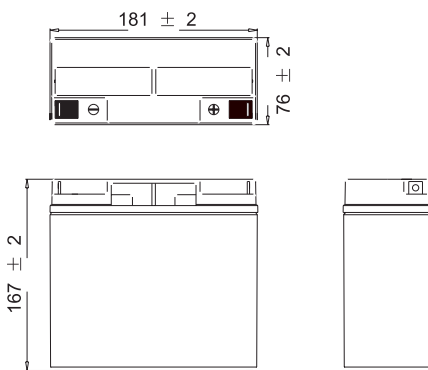
**RoHS  
Compliant**



## Application

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

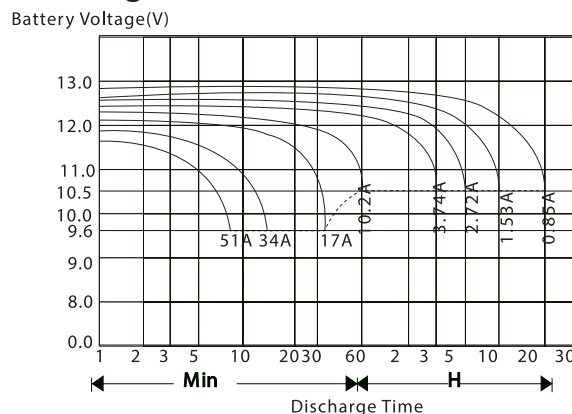
## Dimensions



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

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp** PRO

# Lead Acid Rechargeable Battery **multicomp** PRO

## 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
	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

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
 Farnell.com/multicomp-pro  
 sg.element14.com/b/multicomp-pro

**multicomp** PRO