



# AGM SCRUBBER SWEEPER BATTERY



## ■ Specifications

Type	Voltage (V)	Performance Average after 15 Cycles										Maximum Overall Dimensions mm (inches)				Approx. Weight	
		Ampere Hour Capacity (Ah)			Minutes of Discharge (Min)					R/C @25A	Cranking Amps (A)		L	W	H	TH	Kg
		20HR	10HR	5HR	@25A	@56A	@75A	@85A	@100A		32°F/0°C	0°F/-18°C					
EV6260	6	260	240	226	572	228	149	123	98	546	895	745	295 (11 5/8)	180(7 1/8)	274(10 3/4)	298 (11 3/4)	36.0
EV6312	6	312	288	271	736	295	208	177	142	660	865	720	295 (11 5/8)	180(7 1/8)	346(13 5/8)	366 (14 3/8)	47.5
EV6390	6	390	360	331	915	374	255	217	168	841	875	730	295 (11 5/8)	180(7 1/8)	405(16)	428 (16 7/8)	52.8
EV12234	12	234	215	198	518	191	125	103	79	446	930	775	387 (15 1/4)	180(7 1/8)	346(13 5/8)	368 (14 1/2)	65.0
GF6210	6	210	198	185	475	182	124	104	79	404	855	710	260 (10 1/4)	180(7 1/8)	252(10)	275 (10 3/4)	30.0

Self discharge		<3% of capacity per month ( at 20°C )		
Operating temperature range	Discharge		Charge	Storage
		- 20~60°C		- 10~50°C
CHARGE METHODS: Constant voltage charging at 20°C (68°F)				
Usage	Max. Charge current		Charge voltage	Temperature compensation
Standby use	0.25C <sub>10</sub> A		6.80~6.90V (6V Battery)	- 10mV/°C (6V Battery)
			13.6~13.8V (12V Battery)	- 20mV/°C (12V Battery)
Cyclic use	0.25C <sub>10</sub> A		7.20~7.35V (6V Battery)	- 15mV/°C (6V Battery)
			14.4~14.7V (12V Battery)	- 30mV/°C (12V Battery)

## ■ Features & Benefits

- High capacity design, higher energy density.
- Excellent deep cycle property, Longer service life.
- Private grid construction design and paste recipe, high charging acceptance ability.
- Private valve regulated seal construction, safe and reliable.
- Outstanding vibration-resistant, wide operation temperature.
- AGM separator, no fluid electrolyte, guarantees oxygen recombination inside the battery.
- High purity lead calcium alloy, maintenance free and less water losing.
- Lower self-discharge, better storage capability.
- Advanced through the partition (TTP) welding technology obtains shorter current transfer path so as to get lower electrical resistance.
- Strength-enhanced containers and lids are made of polypropylene (PP) to keep tight assembly of batteries.
- Adopt heat sealing technology to seal container and lid, absolutely no leakage.
- High strength terminals with high conductivity are very good at high current discharging.
- Strength-enhanced containers and lids are impact resistant and made of polypropylene (PP).
- Protective covers for terminals and removable carry handles are convenient for operation.

[www.mpower.com.au](http://www.mpower.com.au)  
[www.mpower.co.nz](http://www.mpower.co.nz)

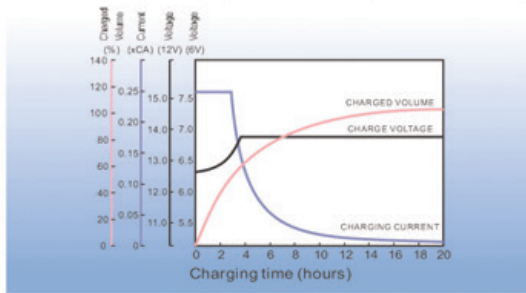


## Battery Pictures

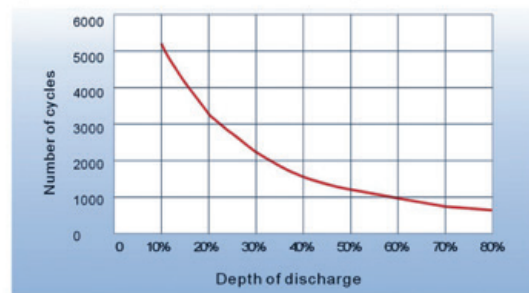


## Charge / Discharge Tables & Graphs

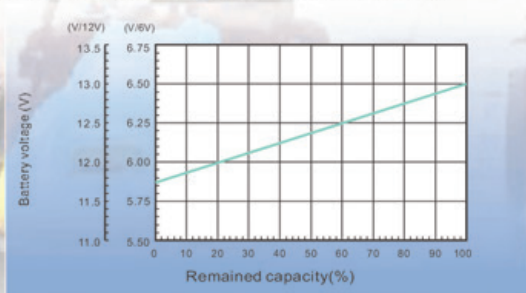
Constant voltage charging characteristic (0.25CA, 25°C, 77°F)



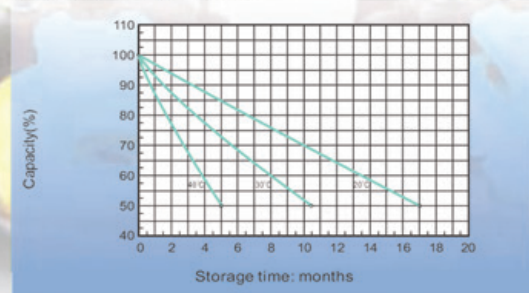
Cycle life in relation to depth of discharge



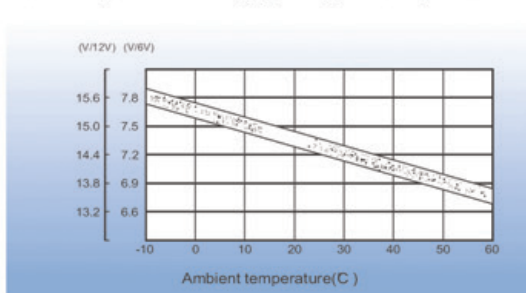
Relationship of OCV and state of charge (25°C, 77°F)



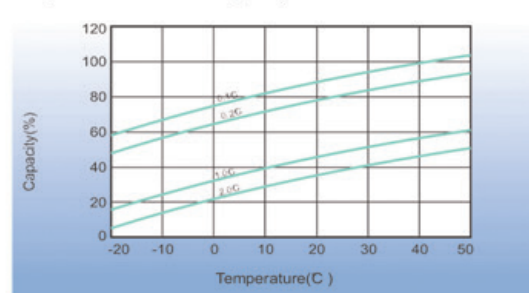
Self-discharge characteristic



Relationship between charging voltage and temperature



Temperature effects on capacity



## AUSTRALIA 1300 733 004

Head Office - VIC: 9 Mosrael Place ROWVILLE VIC 3178 Ph: 03 9763 0555 Fax: 03 9763 0577

NSW: 10 Williamson Road INGLEBURN NSW 2565 Ph: 02 8788 4600 Fax: 02 9605 3702

QLD: 2 / 14 Hook Street CAPALABA QLD 4157 Ph: 07 3823 4933 Fax: 07 3245 1327

Nth QLD: 5 / 59 Pilkington St TOWNSVILLE QLD 4810 Ph: 07 3245 1276 Fax: 07 4723 5143

WA: 2 / 10 Mordaunt Circuit CANNING VALE WA 6155 Ph: 08 6254 2211 Fax: 08 6254 2299

SA: m-power 426 Churchill Rd KILBURN SA 5084 Ph: 1300 733 004 Fax: 1300 733 005

NT - Agent: Powerhouse NT Distributors 2/34 Benison Road WINNELLIE NT 0820 Ph: 08 8947 0027 Fax: 08 8947 1126

## NEW ZEALAND

Auckland: Unit B / 237 Bush Road ALBANY Ph: 09 415 6615 Fax: 09 415 8160

Wellington: 7 Ward Street LOWER HUTT Ph: 04 586 6188 Fax: 04 586 6088



Web: [www.mpower.com.au](http://www.mpower.com.au)  
[www.mpower.co.nz](http://www.mpower.co.nz)  
 Email: [info@mpower.com.au](mailto:info@mpower.com.au)



Power with Purpose