



# PERSEUS 23-12

## High Endurance VRLA AGM EV Series

### Product Features

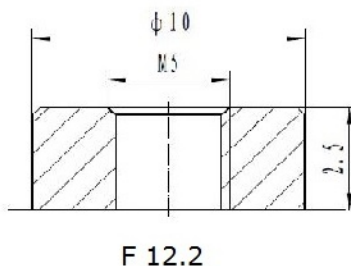
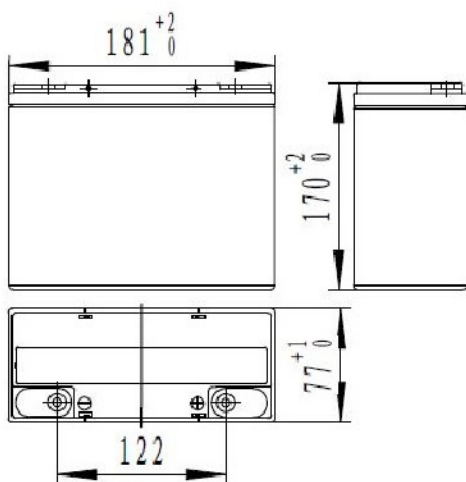
- Pb-Ca-Sn multi-components alloy
- High purity electrolysis lead, high density lead paste, special long effective additive
- High adsorptive performance AGM separator
- Excellent cycle life and recoverage performance from over-discharged state
- Excellent large current discharge performance, there is obvious advantage in start-up and climbing slope stage
- Good large current discharge performance, good low temperature endurance and shock endurance.
- Maintenance free, there is no need to add water during operation.

### Application

- Electricity powered bicycle
- Electricity powered motorcycle
- Electricity powered scooters
- Electricity powered toys cart

### Compliant Standards

- ☒ GB/T 22199.1-2008
- ☒ GB/T 23636-2009
- ☒ GB/T 18332.1-2009
- ☒ Passed ISO9001:2000 、 ISO14001 、 OHSAS18001、 UL、 CE certificate



Battery Model	PERSEUS 23-12			
Designed Life	650 times (70%DOD)			
Capacity(25°C)	20HR(1.25A,1.75V)	10HR(2.4A,1.75V)	5HR(4.6A,1.75V)	1HR(17A,1.75V)
	25Ah	24AH	23AH	17AH
Dimensions	Length	Width	Height	Total Height
	181mm	77mm	170mm	170mm
Approx. Weight	7.0kg			
Internal Resistance	9.3mΩ			
Maximum Discharge Current	200A(10 Sec.)			
Self Discharge	≤3% per months (25°C)			
Charge Voltage(25°C)	Cycle use		Float use	
	14.7V(-18mV/°C), max charge current:2.5A		14.1V(-18mV/°C)	



**WINNER**  
BATTERY

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Discharge parameter:

Constant current discharge data (25°C, A)											
End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	63.20	39.70	28.80	21.47	17.47	12.68	10.13	7.367	4.634	2.430	1.290
1.65	62.50	39.10	28.60	21.38	17.40	12.65	10.10	7.358	4.622	2.420	1.270
1.70	61.70	38.80	28.50	21.30	17.33	12.62	10.07	7.345	4.611	2.410	1.255
1.75	61.00	38.00	28.00	21.00	17.17	12.50	10.00	7.334	4.600	2.400	1.250

Constant power discharge data (25°C, W/cell)											
End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	118.0	75.60	55.80	41.66	34.12	24.99	20.16	14.87	9.810	5.095	2.690
1.65	117.0	74.60	55.60	41.59	34.07	24.97	20.14	14.81	9.771	5.090	2.682
1.70	115.0	74.30	55.40	41.54	34.03	24.94	20.12	14.76	9.700	5.080	2.671
1.75	114.0	72.80	54.60	41.06	33.76	24.79	20.02	14.74	9.696	5.075	2.665

Performance Curve :

