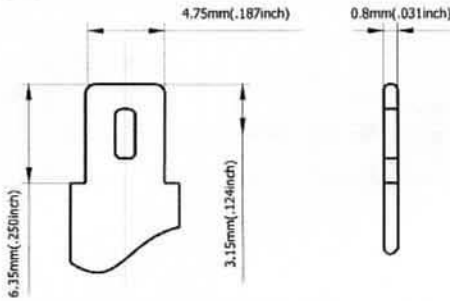


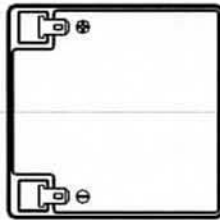
ENVIROMUX-BATTERY2

Valve Regulated Lead-Acid Rechargeable Battery

(12V2.8Ah/20hr)



Terminal Dimensions



General Series

General Series Valve Regulated Lead Acid batteries are designed with AGM (Absorbent Glass Mat) technology, high performance plates and electrolyte to gain extra power output for common power backup system applications widely used in the field of UPS, Emergency Lighting System.

Application

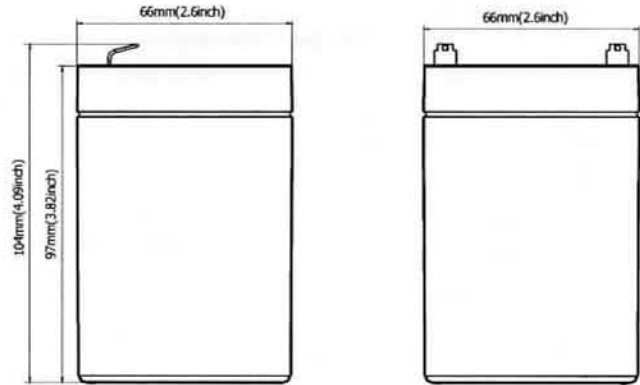
- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

General Features

- Sealed and maintenance free operation.
- Non-Spillable construction design.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexibility design for multiple install positions.

Construction

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy Resin
- Safety valveEPDR
- TerminalCopper
- SeparatorFiber glass
- ElectrolyteSulfuric acid



Battery Model	ENVIROMUX-BATTERY2			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.14A,1.75V)	10HR(0.26A,1.75V)	5HR(0.48A,1.75V)	1HR(1.82A,1.75V)
	2.8AH	2.6AH	2.4AH	1.82AH
Dimensions	Length	Width	Height	Total Height
	132mm(5.19inch)	33.5mm(1.32inch)	97mm(3.82inch)	103mm(4.06inch)
Approx. Weight	1.1Kg (2.43 lbs)			
Internal Resistance	Full charged at 25°C: 0.035 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-15V(-30mV/ °C), max. Current: 0.84A		13.6-13.8V(-20mV/ °C)	

ENVIROMUX-BATTERY2 (12V2.8Ah/20hr)

Constant current discharge ratings-amperes at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	10.9	6.81	5.13	3.13	1.99	0.87	0.53	0.29	0.16
1.67V	10.3	6.46	4.94	2.99	1.96	0.84	0.52	0.29	0.15
1.70V	9.41	6.22	4.82	2.72	1.90	0.78	0.51	0.28	0.15
1.75V	9.22	6.03	4.67	2.59	1.81	0.76	0.50	0.28	0.15
1.80V	8.25	5.76	4.24	2.40	1.70	0.73	0.47	0.28	0.14
1.85V	7.28	5.48	3.81	2.21	1.58	0.70	0.44	0.27	0.14

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	19.2	12.29	9.37	5.64	3.59	1.55	0.90	0.60	0.31
1.67V	18.5	11.98	9.26	5.52	3.57	1.50	0.90	0.59	0.30
1.70V	17.4	11.86	9.18	5.17	3.50	1.43	0.89	0.59	0.30
1.75V	17.5	11.82	9.10	5.02	3.44	1.40	0.88	0.58	0.29
1.80V	16.1	11.65	8.44	4.78	3.24	1.36	0.85	0.57	0.28
1.85V	14.6	11.05	7.65	4.48	3.05	1.32	0.82	0.57	0.27

