

HZY12-26 Valve Regulated Lead Acid battery.  
 12 year design life for stand by power applications.  
 12 Volts 26 Ah (C20)

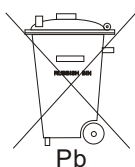
### Innovative Features

- Completely maintenance free, sealed construction eliminates the need for watering
- Fully tank formed plates
- Analytical Grade electrolyte
- Spill proof / leak proof
- Valve regulated Max internal pressure 2.5 psi
- Multi-position usage
- ABS Case and cover - VO on request
- Low self discharge
- FAA and IATA approved as non-hazardous
- Built to comply with IEC 896-2, DIN 43534, BS 6290 Pt4, Eurobat.



### Specifications

Nominal Voltage	12 Volts
Nominal Capacity	26Ah (C20 @ 20 °C)
Design Life	12 Years
Operating Temperature	-20 °C to 50 °C
Grid alloy	Calcium / Tin lead alloy
Plates	Flat Pasted
Separator	Microporous polymer
Active material	Very high purity lead
Case and cover	ABS (VO on request)
Charge Voltage	Float 2.25 - 2.30 VPC @25 °C Cycling 2.35 @25 °C Max. 2.4 VPC Max ripple 0.05C (A)
Electrolyte	Gelled Sulphuric acid Analytical grade purity
Venting Valve	EPDM Rubber 1.5 to 2 psi (10.5 - 14 KPa) release pressure. Resealing at 1 psi (7 KPa)
Terminal	Epoxy sealed by extended mechanical paths



Haze Battery Company keenly encourages environmental awareness; PLEASE follow guidelines for the recycling /disposal of lead.

Website: [www.hazebattery.com](http://www.hazebattery.com)  
 E mail : [sales@hazebattery.com](mailto:sales@hazebattery.com)

**Sealed Lead Acid 12 Volt Bloc GEL Range**  
**PRODUCT SHEET HZY12-26**

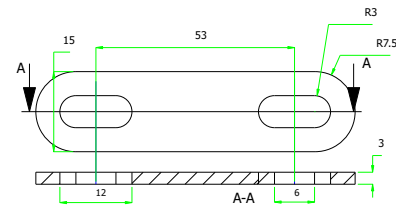
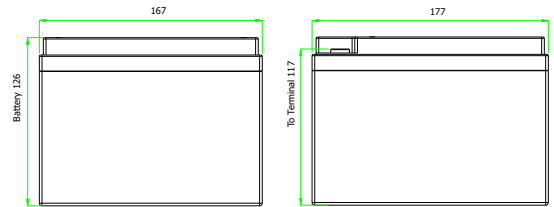
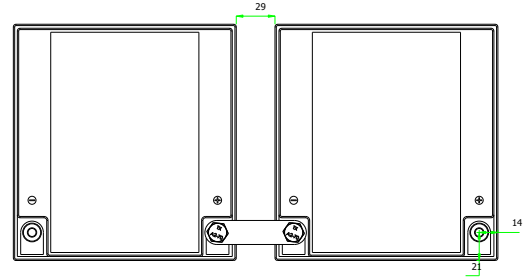
**12V**  
**Gel**

## Specifications

Nominal Voltage		12V	
Nominal Capacity		26 Ah	
Dimensions	Total Height (Inc. terminals)	126 mm	4.96 inches
	Length	166 mm	6.54 inches
	Width	176 mm	6.93 inches
	Weight	8.8 Kg	19.45 lbs

## Characteristics

Capacity 20 °C (68 °F) To 1.7 volts	20 hour rate	25.7 Ah
	10 hour rate	22.9 Ah
	5 hour rate	21.7 Ah
	1 hour rate	15.6 Ah
	15 min rate	10.5 Ah
	Internal Resistance	9.5 mOhms
Capacity correction for Temperature Variations (C20)	40 °C (104 °F)	102%
	20 °C (68 °F)	100%
	0 °C (32 °F)	85%
	-15 °C (5 °F)	65%
Self-Discharge 20 °C (68 °F)	Capacity after 1 months storage	98%
	Capacity after 3 months storage	94%
	Capacity after 6 months storage	86%
Short Circuit Current 20 °C (68 °F)	900	
Terminal	Standard	12mm Insert M5 thread
	Optional	Cu Flag
Charging (Constant Voltage)	Cyclic	2.35 - 2.40 VPC (20-25 °C)
	Float	2.27 - 2.30 VPC (15-25 °C)



## Constant Power Discharge - Watts per Cell @20 °C

End V per Cell	5M	10M	15M	20M	25M	30M	35M	40M	45M	60M	90M	2 hr	3 hr	4 hr
1.85	118	88.0	71.8	60.9	53.1	47.3	42.8	38.7	35.7	29.0	21.4	17.4	13.1	10.4
1.80	123	91.5	74.1	62.0	54.2	48.2	43.5	39.4	36.4	29.4	21.6	17.4	13.1	10.4
1.75	125	92.8	74.3	61.8	54.0	47.9	43.3	39.2	36.0	29.2	21.2	17.1	12.8	10.1
1.70	129	95	76.4	63.1	54.8	48.7	43.8	39.9	36.6	29.6	21.4	17.2	12.9	10.2
1.65	135	97	77.4	64.0	55.5	49.4	44.4	40.4	37.1	29.9	21.5	-	-	-
1.60	140	101	79.2	64.8	56.0	49.9	44.8	40.7	37.5	30.1	21.7	-	-	-

## Constant Amps Discharge - Amps @20 °C

End V per Cell	5M	10M	15M	20M	25M	30M	35M	40M	45M	60M	90M	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	12 hr	20 hr
1.85	61.6	45.9	37.3	31.6	27.5	24.4	22.0	19.9	18.2	14.7	10.8	8.73	6.54	5.16	4.26	2.64	2.17	1.85	1.23
1.80	65.6	48.5	39.1	32.6	28.3	25.1	22.6	20.4	18.7	15.0	11.0	8.81	6.59	5.19	4.28	2.72	2.23	1.89	1.27
1.75	68.8	50.9	40.5	33.5	29.1	25.7	23.1	20.9	19.1	15.4	11.1	8.89	6.62	5.22	4.31	2.75	2.24	1.91	1.27
1.70	71.6	52.7	42.0	34.5	29.8	26.3	23.6	21.3	19.5	15.6	11.2	8.97	6.67	5.27	4.35	2.79	2.29	1.94	1.29
1.65	75.3	54.1	42.7	35.1	30.2	26.8	23.9	21.6	19.8	15.8	11.3	-	-	-	-	-	-	-	-
1.60	78.8	56.3	43.8	35.6	30.6	27.1	24.2	21.9	20.0	16.0	11.4	-	-	-	-	-	-	-	-

## Ampere Hour @20 °C

End V per Cell	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	12 hr	20 hr
1.85	17.5	19.6	20.6	21.3	21.1	21.7	22.2	24.7
1.80	17.6	19.8	20.7	21.4	21.8	22.3	22.7	25.3
1.75	17.8	19.9	20.9	21.6	22.0	22.4	22.9	25.3
1.70	17.9	20.0	21.1	21.7	22.3	22.9	23.3	25.7



UL Recognised  
Component  
MH28512

