

HZB2-1250 Valve Regulated Lead Acid battery, 15 year design life for stand by power applications. 2 Volts 1250 Ah @ C10

Innovative Features

- Completely maintenance free, sealed construction eliminates the need for watering
- Increased durability and deep cycle ability for heavy demand applications
- 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 - V0 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.



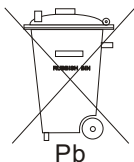
2V
AGM

Specifications

Nominal Voltage	2 Volts
Nominal Capacity	1250Ah (C10 @ 25 °C)
Design Life	15 Years
Operating Temperature	-20 °C to 50 °C
Grid alloy	Calcium / Tin lead alloy
Plates	Flat Pasted
Separator	Absorbant Glass Mat
Active material	Very high purity lead
Case and cover	ABS (VO on request)
Charge Voltage	Float 2.27 - 2.30 VPC @25 °C Cycling 2.35 - 2.45 @25 °C Max. 2.4 VPC Max ripple 0.05C (A)
Electrolyte	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	Insert 18mm Dia M8 thread. Epoxy sealed by extended mechanical paths
Torque setting	The recommended torque value for all types is 5-7 Nm
Cables	Connectors supplied as standard, cables on request.

Sealed Lead Acid 2 Volt Bloc AGM Range

PRODUCT SHEET HZB2-1250

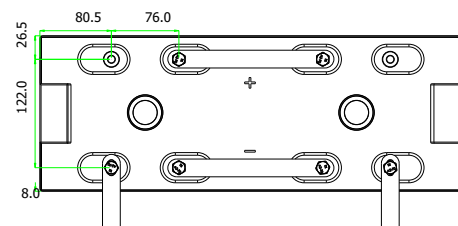
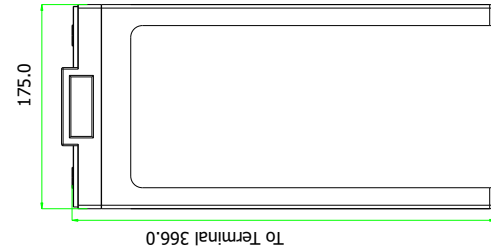


Haze Battery Company keenly encourages environmental awareness; PLEASE follow guidelines for the recycling /disposal of lead.

Website: www.hazebattery.com
E mail : sales@hazebattery.com

Specifications

Nominal Voltage		2V	
Rated Capacity (10 hour rate)		1250 Ah	
Dimensions	Total Height (Inc. terminals)	328 mm n/a mm	12.91 inches n/a inches
	Length	475 mm	18.70 inches
	Width	175 mm	6.89 inches
	Weight	78 Kg	35.29 lbs



Characteristics

Capacity 25 °C (77 °F) To 1.8 volts	24 hour rate	1397 Ah
	10 hour rate	1255 Ah
	6 hour rate	1200 Ah
	1 hour rate	923 Ah
	15 min rate	381 Ah
	Internal Resistance	0.13 mOhms
Capacity correction for Temperature Variations (C20)	40 °C (104 °F)	102%
	25 °C (77 °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%
Max Discharge Current 25 °C (77 °F)	9,000A (5S)	
Terminal	Standard	18mm Insert M8 thread
	Optional	-
Charging (Constant Voltage)	Cyclic	Initial Charging Current less than 125A Voltage 2.35-2.45 VPC (25 °C)
	Float	2.27 - 2.3V (25 °C)

Constant Power Discharge - Watts per Cell @25 °C

End V per Cell	5M	10M	15M	30M	45M	60M	90M	2 hr	3 hr	4 hr
1.85	3574	3097	2595	2337	2031	1640	1359	820	612	481
1.80	3843	3331	2791	2513	2184	1763	1431	872	651	511
1.75	4461	3638	3131	2730	2303	1819	1511	907	677	532
1.70	4550	3711	3194	2785	2349	1855	1541	925	691	543
1.65	4804	4097	3440	2888	2361	1901	1574	936	698	551

Constant Amps Discharge @25 °C

End V per Cell	5M	10M	15M	30M	45M	60M	90M	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr	12 hr	24 hr
1.85	1986	1702	1418	1270	1092	858	710	424	312	250	209	186	143	118	100	54.7
1.80	2135	1830	1525	1366	1174	923	747	451	331	264	221	200	152	126	106	58.2
1.75	2506	2021	1730	1500	1245	978	789	469	348	278	231	206	158	131	111	60.6
1.70	2556	2061	1765	1530	1270	998	805	479	354	283	236	210	161	133	113	61.8
1.65	2793	2341	1922	1600	1290	1022	824	484	358	281	-	-	-	-	-	-

Ampere Hour @25 °C

End V per Cell	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr	12 hr	24 hr
1.85	848	937	1000	1045	1113	1144	1180	1200	1313
1.80	902	993	1056	1107	1200	1216	1255	1277	1397
1.75	939	1043	1111	1156	1233	1266	1306	1329	1454
1.70	957	1063	1132	1180	1258	1291	1333	1355	1483
1.65	968	1074	1124	-	-	-	-	-	-

UL Recognised
Component
MH28512

