

6 & 12 VOLT MONOBLOC GEL RANGE



HAZE

Haze Battery Company Ltd

The Haze HZY - GEL range covers Ah capacities from 7Ah to 230Ah (C₁₀) with dimensions suitable for racking systems for maximum space utilisation.

Specially designed racks and cabinets are available with cables and connectors to suit.

GEL is especially suited for non-premium sites with medium to frequent outage rates and non-climate controlled environments, for less extreme temperature variations and reduced cyclic demands please consult the Haze HZB - AGM range.

Haze facilities are fully accredited to ISO 14001 and the management system fully accredited to ISO 9001.



Innovative Features

Designed to meet the needs of UPS and other applications where power outages are frequent and a cyclic UPS battery is required.

- Completely maintenance free, sealed
- Construction eliminates the need for watering
- Electrolyte will not stratify.
- Increased durability and deep cycle ability for heavy demand applications
- Special formation process
- Gelled thixotropic electrolyte
- Spill proof / leak proof
- Valve regulated Max internal pressure 2.5 psi
- Multi-position usage
- Multi-cell container
- ABS Case and cover - V0 on request
- Low self discharge
- Utilising the latest in European technology
- FAA and IATA approved as non-hazardous

Specifications

Nominal Voltage	6 & 12 Volts
Design Life	12 Years
Operating Temperature	-20 °C to 50 °C
Grid alloy	Calcium / Tin lead alloy
Plates	Flat Pasted
Separator	Microporous Duroplastic
Active material	Very high purity lead
Case and cover	ABS (VO on request)
Charge Voltage	Float 2.27 - 2.30 VPC @20 °C Cycling 2.4 @20 °C Max. 2.4 VPC Max ripple 3.5% Charge V
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	Various types Epoxy sealed by extended mechanical paths
Torque setting	The recommended torque value for all types is 5-7 Nm
Cables	Insulated cables / connectors supplied on request.

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



Gel Vs AGM

Each battery has its advantages and disadvantages, it is therefore important to choose the right battery for the application. Advantages of Gel Batteries:

- Full recovery from deep discharge, even when the battery is not recharged immediately.
- Ideal for repeat cycling daily use.
- Excellent performance over long discharges
- Good tolerance to higher temperature applications
- Suitable where mains power is unstable
- Zero stratification due to immobilized electrolyte
- Reduced self-discharge
- Limiting design protects the positive plates to greatly improve cycle life
- Improved charge acceptance due to low internal resistance
- High resistance to water loss with the right charging set up
- Ultra stable polymer separator with glass mat for increased performance
- High resistance to shorting due to superior mechanical strength of the polymer separator
- Increased tolerance to poor charging parameters
- Can be discharged even when full recharge has not been achieved, without loss of battery capacity

Disadvantages

- Reduced high rate autonomy
- Requires cycling to achieve full capacity

Terminal Options (left to right)

- Lead Flag
- Automotive
- J Type
- Copper Flag
- J Type Adapter
- Insert

Insert are made from brass with copper, nickel and silver plating giving excellent mechanical, electrical and corrosion resistant properties.

Capacity temperature correction Factor to be applied to Data at 20 Degrees C

Discharge Time	-30 °C	-20 °C	-10 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	50 °C
5 minutes to 59 minutes	0.23	0.417	0.605	0.778	0.86	0.91	0.96	1	1.037	1.063	1.085	1.1	1.116
1 Hour to 100 Hours	0.277	0.464	0.647	0.816	0.886	0.93	0.97	1	1.028	1.05	1.063	1.07	1.078

Applications

- Float service
 - Residential
 - Telecommunications
 - Refrigeration
 - Poor charging applications
 - Frequent use applications
 - Wind
 - Higher ambient temperature applications
 - Water Pumping
 - Road side cabinets
 - Cathodic Protection
- Many other extreme applications

CHARGING CHARACTERISTICS

Floating - The optimum float voltage for a battery is temperature dependant, at 15 - 24°C the recommended value is 2.27 - 2.30V. It is recommended that battery installation sites are temperature controlled, however float voltage can be increased or decreased to compensate for temperature variations. Adjustment is calculated at +/- 3 mV per degree C.

Operating Temperature	Recommended Applied Float Voltage VPC
0-9	2.33 - 2.35
10-14	2.30 - 2.33
15-19	2.27 - 2.30
20-24	2.27 - 2.30
25-29	2.25 - 2.27
30-34	2.23 - 2.25
35-40	2.21 - 2.23

The most suitable charging method for battery life and performance is the constant voltage method with a limited initial current, usually limited to a maximum of $C_{20}/4$. For cyclic use we specify a short constant current phase at the end of normal charging, consult Haze for further details.

End of Discharge Voltage = 1.85											DISCHARGE CURRENT in A								20 - 25 °C		
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	14.5	10.5	8.81	7.62	6.71	6.00	5.42	4.98	4.57	3.74	2.78	2.24	1.61	1.27	1.06	0.91	0.80	0.71	0.59	0.51	0.34
HZY6-10	20.5	15.8	13.2	11.3	10.0	9.02	8.18	7.44	6.87	5.54	4.09	3.28	2.33	1.81	1.49	1.28	1.12	1.00	0.82	0.71	0.46
HZY6-12	25.0	18.7	15.7	13.4	11.9	10.6	9.57	8.75	8.03	6.47	4.75	3.78	2.69	2.11	1.75	1.50	1.32	1.18	0.98	0.84	0.55
HZY12-7.5	14.5	10.5	8.81	7.62	6.71	6.00	5.42	4.98	4.57	3.74	2.78	2.24	1.61	1.27	1.06	0.91	0.80	0.71	0.59	0.51	0.34
HZY12-12	25.0	18.7	15.7	13.4	11.9	10.6	9.57	8.75	8.03	6.47	4.75	3.78	2.69	2.11	1.75	1.50	1.32	1.18	0.98	0.84	0.55
HZY12-18	33.8	24.4	20.5	17.7	15.6	14.0	12.7	11.6	10.7	8.66	6.43	5.18	3.72	2.92	2.41	2.05	1.79	1.60	1.32	1.13	0.74
HZY12-26	58.6	44.8	36.9	31.4	27.3	24.2	21.8	19.9	18.2	14.7	10.8	8.67	6.27	4.93	4.06	3.45	3.00	2.70	2.18	1.86	1.20
HZY12-33	77.1	58.0	47.9	40.4	35.1	31.1	27.8	25.2	23.0	18.1	12.8	10.0	7.01	5.50	4.59	3.97	3.51	3.13	2.62	2.25	1.49
HZY12-44	94.9	76.0	63.2	53.2	46.0	40.8	36.6	33.2	30.4	24.2	17.1	13.3	9.36	7.26	5.98	5.10	4.47	3.98	3.30	2.82	1.83
HZY12-55	114	84.0	70.2	60.5	53.1	47.5	43.2	39.9	37.0	30.0	21.5	16.8	11.8	9.20	7.59	6.50	5.71	5.09	4.23	3.63	2.39
HZY12-60	136	105	83.6	69.2	58.5	51.0	45.0	40.3	36.7	28.8	21.0	16.8	12.3	9.95	8.49	7.46	6.64	6.00	5.10	4.37	2.76
HZY12-70J	132	106	91.4	78.6	69.3	62.4	57.0	52.3	48.5	39.4	28.4	22.0	15.3	11.8	9.66	8.25	7.19	6.38	5.27	4.53	2.96
HZY12-70	131	108	93.3	81.5	71.6	63.9	58.2	53.4	49.3	40.1	28.7	22.2	15.4	11.9	9.74	8.30	7.27	6.48	5.36	4.61	3.02
HZY12-80	137	110	96.2	84.2	75.5	68.5	62.7	58.4	54.4	44.9	32.8	25.7	18.0	14.0	11.5	9.8	8.60	7.66	6.34	5.43	3.56
HZY12-100	175	143	121	105	92.5	82.9	75.4	69.6	64.4	52.0	37.9	29.9	21.1	16.5	13.6	11.7	10.3	9.15	7.57	6.48	4.19
HZY12-110	199	164	141	123	108	96.6	87.8	79.5	73.2	58.5	42.8	33.9	23.8	18.5	15.3	13.1	11.5	10.3	8.55	7.38	4.86
HZY12-120	213	178	152	133	120	108	98.4	90.2	82.9	66.7	48.1	38.0	26.8	20.8	17.2	14.7	12.9	11.5	9.54	8.17	5.32
HZY12-135	207	175	158	144	132	122	113	105	96.8	78.0	56.9	45.3	32.1	25.5	21.0	18.0	15.7	13.9	11.5	9.86	6.40
HZY12-150	228	199	176	159	144	133	122	113	105	84.5	61.0	47.7	33.2	25.7	21.2	18.2	15.9	14.3	11.9	10.2	6.76
HZY12-160	235	204	186	170	155	142	131	122	115	94.3	69.3	54.3	37.9	29.5	24.3	20.8	18.3	16.3	13.4	11.4	7.24
HZY12-200	246	227	209	190	174	161	150	141	132	108	79.7	62.9	44.5	34.7	28.6	24.4	21.5	19.2	15.9	13.7	9.02
HZY12-230	281	253	227	210	194	180	168	157	147	122	90.8	72.3	51.1	39.9	33.0	28.3	24.8	22.1	18.4	15.8	10.4
HZY6-110	203	169	145	127	113	102	91.4	83.1	76.1	61.1	44.4	35.0	24.6	19.2	15.9	13.7	12.1	10.8	8.93	7.67	5.10
HZY6-155	259	232	203	179	160	146	133	123	114	94.8	71.1	57.6	41.4	32.5	27.2	23.5	20.9	18.8	15.8	13.7	8.93
HZY6-160	245	217	193	176	162	148	137	127	119	98.0	71.9	56.6	39.4	30.7	25.3	21.6	19.0	17.0	14.2	12.2	7.94
HZY6-200	262	233	210	190	174	161	149	140	131	108	78.5	62.0	44.2	34.7	28.7	24.6	21.6	19.4	16.1	13.8	9.03

End of Discharge Voltage = 1.80											DISCHARGE CURRENT in A							20 - 25 °C			
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	17.0	12.0	9.76	8.27	7.20	6.42	5.78	5.25	4.84	3.91	2.91	2.33	1.67	1.32	1.09	0.93	0.82	0.73	0.61	0.52	0.36
HZY6-10	24.1	17.5	14.2	12.0	10.6	9.46	8.50	7.74	7.12	5.72	4.23	3.37	2.40	1.87	1.54	1.32	1.15	1.03	0.85	0.73	0.48
HZY6-12	29.3	20.6	16.8	14.3	12.6	11.1	10.0	9.17	8.44	6.77	4.95	3.93	2.80	2.20	1.81	1.56	1.37	1.22	1.02	0.87	0.57
HZY12-7.5	17.0	12.0	9.76	8.27	7.20	6.42	5.78	5.25	4.84	3.91	2.91	2.33	1.67	1.32	1.09	0.93	0.82	0.73	0.61	0.52	0.36
HZY12-12	29.3	20.6	16.8	14.3	12.6	11.1	10.0	9.17	8.44	6.77	4.95	3.93	2.80	2.20	1.81	1.56	1.37	1.22	1.02	0.87	0.57
HZY12-18	38.2	26.8	22.0	18.6	16.2	14.4	13.0	11.9	10.9	8.86	6.59	5.31	3.80	2.98	2.46	2.10	1.84	1.63	1.35	1.16	0.77
HZY12-26	64.4	47.5	38.6	32.6	28.2	24.9	22.4	20.4	18.7	15.1	11.0	8.81	6.38	5.03	4.14	3.52	3.07	2.76	2.24	1.91	1.24
HZY12-33	84.2	62.2	50.1	41.9	36.2	32.1	28.6	25.9	23.5	18.6	13.1	10.2	7.18	5.64	4.71	4.07	3.60	3.21	2.68	2.32	1.54
HZY12-44	103	82.0	66.3	55.4	47.8	42.1	37.8	34.2	31.3	24.8	17.6	13.7	9.57	7.43	6.11	5.23	4.58	4.09	3.39	2.90	1.90
HZY12-55	127	91.0	75.0	63.7	55.4	49.6	45.0	41.5	38.3	31.1	22.0	17.2	12.1	9.45	7.82	6.71	5.89	5.25	4.35	3.72	2.47
HZY12-60	148	110	86.9	71.3	60.4	52.3	46.1	41.6	37.7	29.8	21.6	17.2	12.6	10.2	8.70	7.67	6.83	6.19	5.25	4.50	2.84
HZY12-70J	147	116	98.0	83.1	73.0	65.1	59.0	54.0	49.9	40.3	28.9	22.5	15.5	12.0	9.8	8.37	7.30	6.49	5.37	4.61	3.02
HZY12-70	150	119	100	85.5	74.7	66.6	60.4	55.3	51.0	41.2	29.5	22.7	15.8	12.2	10.0	8.53	7.49	6.68	5.53	4.76	3.13
HZY12-80	155	122	104	89.7	79.4	71.6	65.7	60.8	56.5	46.2	33.6	26.2	18.3	14.2	11.7	10.0	8.76	7.80	6.47	5.55	3.66
HZY12-100	213	160	131	111	96.5	86.0	78.2	71.7	66.0	53.2	38.7	30.5	21.5	16.7	13.8	11.9	10.4	9.31	7.74	6.65	4.35
HZY12-110	236	181	151	130	114	101	90.7	82.5	75.6	60.2	43.8	34.7	24.3	18.9	15.6	13.4	11.8	10.5	8.78	7.57	5.03
HZY12-120	254	197	164	141	125	112	102	92.9	85.1	68.2	49.1	38.8	27.3	21.2	17.5	15.0	13.2	11.8	9.75	8.37	5.46
HZY12-135	256	197	173	154	139	127	117	108	100	80.0	58.2	46.3	32.8	26.0	21.5	18.4	16.1	14.3	11.8	10.1	6.62
HZY12-150	286	224	194	171	154	140	128	118	109	87.4	62.7	48.8	34.0	26.3	21.6	18.5	16.3	14.6	12.1	10.5	6.95
HZY12-160	288	232	206	184	165	149	138	127	118	96.6	70.7	55.4	38.8	30.2	24.9	21.3	18.7	16.7	13.8	11.7	7.47
HZY12-200	300	259	228	206	187	172	159	148	139	113	83.1	65.4	46.0	35.8	29.4	25.2	22.1	19.8	16.4	14.1	9.35
HZY12-230	331	281	245	224	205	189	175	163	152	126	93.3	73.6	52.1	40.6	33.6	28.7	25.3	22.7	18.9	16.2	10.7
HZY6-110	240	188	157	135	119	105	94.1	85.4	78.1	62.4	45.4	35.6	25.0	19.5	16.1	13.9	12.3	10.9	9.08	7.83	5.21
HZY6-155	307	254	220	193	171	154	140	129	120	98.3	73.4	59.2	42.5	33.5	27.9	24.2	21.4	19.3	16.2	14.0	9.19
HZY6-160	316	256	219	194	175	159	146	134	125	102	74.0	58.1	40.6	31.6	26.1	22.4	19.7	17.6	14.7	12.5	8.24
HZY6-200	318	264	229	203	185	170	158	146	137	112	81.8	64.8	45.9	35.9	29.6	25.3	22.2	20.0	16.6	14.3	9.31

End of Discharge Voltage = 1.75											DISCHARGE CURRENT in A							20 - 25 °C			
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	18.3	12.7	10.2	8.64	7.49	6.68	6.02	5.46	5.04	4.07	3.01	2.40	1.72	1.35	1.12	0.96	0.84	0.75	0.62	0.54	0.37
HZY6-10	26.0	18.3	14.8	12.5	10.9	9.7	8.74	7.94	7.28	5.84	4.31	3.43	2.43	1.90	1.56	1.34	1.17	1.05	0.87	0.75	0.50
HZY6-12	31.6	22.1	17.7	15.0	13.0	11.5	10.4	9.44	8.67	6.94	5.08	4.01	2.87	2.25	1.86	1.60	1.40	1.25	1.04	0.90	0.60
HZY12-7.5	18.3	12.7	10.2	8.64	7.49	6.68	6.02	5.46	5.04	4.07	3.01	2.40	1.72	1.35	1.12	0.96	0.84	0.75	0.62	0.54	0.37
HZY12-12	31.6	22.1	17.7	15.0	13.0	11.5	10.4	9.44	8.67	6.94	5.08	4.01	2.87	2.25	1.86	1.60	1.40	1.25	1.04	0.90	0.60
HZY12-18	41.3	28.3	22.7	19.1	16.7	14.8	13.3	12.2	11.2	9.01	6.71	5.39	3.87	3.03	2.50	2.13	1.87	1.66	1.38	1.19	0.79
HZY12-26	68.8	49.6	39.9	33.5	29.0	25.6	23.0	20.9	19.1	15.4	11.2	8.95	6.47	5.11	4.21	3.58	3.13	2.81	2.28	1.95	1.27
HZY12-33	90.1	64.4	51.7	43.3	37.2	32.9	29.3	26.4	24.0	18.9	13.3	10.4	7.32	5.76	4.80	4.15	3.67	3.28	2.74	2.37	1.58
HZY12-44	109	84.7	68.3	56.6	48.7	42.8	38.4	34.8	31.8	25.2	17.9	13.9	9.71	7.56	6.21	5.32	4.68	4.18	3.47	2.97	1.95
HZY12-55	133	95.5	77.1	65.5	56.9	50.8	46.0	42.3	39.1	31.6	22.4	17.5	12.3	9.69	7.99	6.85	6.01	5.37	4.45	3.80	2.52
HZY12-60	154	114	89.2	73.2	61.7	53.4	47.1	42.4	38.4	30.2	21.9	17.5	12.8	10.4	8.84	7.77	6.93	6.26	5.30	4.56	2.87
HZY12-70J	157	124	102	86.1	74.9	67.0	60.3	55.3	51.0	41.1	29.4	22.8	15.7	12.2	10.0	8.48	7.41	6.60	5.47	4.69	3.09
HZY12-70	160	125	104	88.6	77.1	68.5	61.9	56.5	52.1	41.9	29.8	23.0	16.0	12.4	10.2	8.70	7.66	6.83	5.68	4.91	3.24
HZY12-80	168	130	109	93.3	82.2	73.8	67.2	62.1	57.6	47.0	34.2	26.7	18.6	14.4	11.9	10.2	8.94	7.96	6.61	5.68	3.75
HZY12-100	227	169	136	114	100	88.6	79.9	73.2	67.2	54.1	39.3	31.0	21.8	17.0	14.0	12.1	10.6	9.48	7.87	6.75	4.45
HZY12-110	258	192	158	134	117	103	92.7	84.3	76.8	61.4	44.5	35.2	24.6	19.2	15.9	13.7	12.0	10.7	8.93	7.70	5.15
HZY12-120	272	207	170	146	128	115	103	94.4	86.7	69.4	49.8	39.3	27.8	21.6	17.8	15.3	13.4	12.0	10.0	8.55	5.59
HZY12-135	286	209	179	158	142	129	120	111	102	81.1	59.0	46.8	33.2	26.3	21.7	18.7	16.3	14.4	12.0	10.3	6.75
HZY12-150	313	238	202	177	159	144	132	122	112	88.9	63.6	49.6	34.4	26.7	22.0	18.8	16.6	14.8	12.3	10.6	7.11
HZY12-160	320	248	217	191	171	155	142	131	121	98.6	71.8	56.3	39.5	30.8	25.4	21.7	19.1	17.0	14.1	12.0	7.68
HZY12-200	341	277	239	213	194	177	164	153	142	116	84.4	66.3	46.7	36.4	30.0	25.7	22.5	20.1	16.8	14.5	9.57
HZY12-230	369	302	262	236	214	196	181	168	156	129	94.9	74.7	52.6	41.1	34.1	29.3	25.9	23.2	19.2	16.5	11.0
HZY6-110	264	199	163	139	121	108	96.3	87.3	79.7	63.8	46.1	36.1	25.4	19.8	16.3	14.0	12.4	11.1	9.25	7.97	5.33
HZY6-155	334	269	230	200	178	160	145	134	124	101	74.9	60.3	43.5	34.3	28.5	24.6	21.9	19.7	16.5	14.3	9.39
HZY6-160	347	271	228	201	180	163	149	137	127	104	75.3	58.9	41.2	32.2	26.6	22.9	20.1	18.0	14.9	12.9	8.48
HZY6-200	350	282	242	212	193	177	163	150	140	115	83.7	66.3	47.1	36.8	30.2	25.8	22.7	20.4	17.0	14.6	9.57

End of Discharge Voltage = 1.70											DISCHARGE CURRENT in A								20 - 25 °C		
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	19.6	13.3	10.5	8.97	7.78	6.92	6.21	5.64	5.19	4.17	3.06	2.45	1.75	1.37	1.13	0.97	0.85	0.76	0.63	0.55	0.37
HZY6-10	27.9	19.2	15.5	13.0	11.2	9.90	8.91	8.07	7.40	5.93	4.37	3.47	2.47	1.92	1.58	1.36	1.19	1.06	0.88	0.76	0.51
HZY6-12	33.9	23.4	18.6	15.5	13.4	11.8	10.6	9.60	8.80	7.05	5.14	4.06	2.90	2.27	1.88	1.62	1.42	1.27	1.06	0.92	0.61
HZY12-7.5	19.6	13.3	10.5	8.97	7.78	6.92	6.21	5.64	5.19	4.17	3.06	2.45	1.75	1.37	1.13	0.97	0.85	0.76	0.63	0.55	0.37
HZY12-12	33.9	23.4	18.6	15.5	13.4	11.8	10.6	9.60	8.80	7.05	5.14	4.06	2.90	2.27	1.88	1.62	1.42	1.27	1.06	0.92	0.61
HZY12-18	44.0	29.9	23.5	19.7	17.0	15.1	13.5	12.3	11.3	9.14	6.79	5.46	3.92	3.07	2.54	2.17	1.89	1.69	1.40	1.21	0.81
HZY12-26	71.6	51.4	41.2	34.5	29.8	26.3	23.6	21.3	19.5	15.6	11.3	9.06	6.58	5.18	4.27	3.64	3.17	2.85	2.32	1.98	1.30
HZY12-33	93.6	66.8	53.1	44.3	38.1	33.5	29.7	26.8	24.4	19.2	13.5	10.5	7.44	5.86	4.90	4.22	3.73	3.33	2.78	2.41	1.62
HZY12-44	113	87.5	69.9	57.7	49.4	43.4	38.9	35.2	32.2	25.4	18.1	14.1	9.84	7.66	6.32	5.41	4.75	4.25	3.52	3.02	1.99
HZY12-55	141	98.8	79.3	66.8	57.8	51.7	46.8	42.8	39.6	31.9	22.7	17.7	12.6	9.86	8.14	6.99	6.13	5.47	4.55	3.91	2.60
HZY12-60	158	118	91.1	74.3	62.5	54.1	47.7	43.0	38.9	30.5	22.2	17.7	13.0	10.5	8.96	7.90	7.03	6.35	5.38	4.62	2.90
HZY12-70J	166	129	104	88.2	76.6	68.0	61.2	56.1	51.8	41.6	29.8	23.0	15.9	12.3	10.1	8.60	7.51	6.70	5.55	4.76	3.15
HZY12-70	169	131	108	90.8	78.7	69.6	62.7	57.4	52.8	42.4	30.2	23.5	16.3	12.6	10.4	8.90	7.81	7.00	5.82	5.03	3.35
HZY12-80	180	138	114	96.8	84.7	75.6	68.8	63.5	58.7	47.8	34.7	27.0	18.8	14.6	12.1	10.4	9.09	8.11	6.75	5.82	3.87
HZY12-100	240	174	139	117	102	90.0	81.3	74.3	68.3	54.8	39.8	31.4	22.1	17.3	14.2	12.2	10.8	9.64	8.01	6.90	4.57
HZY12-110	270	200	163	137	119	105	94.5	85.5	78.0	62.2	45.1	35.7	25.0	19.5	16.1	13.9	12.2	10.9	9.07	7.88	5.29
HZY12-120	287	216	177	150	131	117	105	95.7	87.9	70.3	50.4	39.8	28.2	22.0	18.1	15.5	13.7	12.3	10.2	8.76	5.74
HZY12-135	302	221	185	163	146	133	122	113	103	82.7	59.9	47.4	33.6	26.7	22.0	18.9	16.5	14.7	12.1	10.4	6.88
HZY12-150	336	248	208	181	162	146	135	124	114	90.3	64.4	50.3	35.1	27.2	22.4	19.3	16.9	15.2	12.7	10.9	7.35
HZY12-160	348	267	227	197	176	159	145	133	124	100	72.9	57.1	39.9	31.2	25.7	22.1	19.3	17.3	14.3	12.2	7.84
HZY12-200	370	293	251	221	200	182	168	156	145	118	85.6	67.2	47.5	37.0	30.5	26.1	22.9	20.5	17.1	14.7	9.80
HZY12-230	397	323	273	247	222	201	185	171	160	131	95.9	75.4	53.2	41.7	34.6	29.7	26.2	23.5	19.6	16.9	11.3
HZY6-110	276	209	169	142	124	109	97.9	88.5	80.9	64.5	46.6	36.8	25.9	20.1	16.7	14.3	12.7	11.3	9.43	8.16	5.46
HZY6-155	357	280	236	204	181	163	148	136	125	103	76.4	61.2	44.0	34.8	29.0	25.1	22.2	20.0	16.8	14.6	9.60
HZY6-160	365	283	237	205	184	165	152	139	129	105	76.1	59.6	41.8	32.6	27.0	23.2	20.3	18.3	15.2	13.1	8.72
HZY6-200	370	295	250	219	198	181	166	153	143	117	85.1	67.4	47.8	37.5	30.8	26.3	23.1	20.8	17.4	15.0	9.85

End of Discharge Voltage = 1.67											DISCHARGE CURRENT in A								20 - 25 °C		
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	20.1	13.5	10.7	9.03	7.84	6.97	6.24	5.68	5.21	4.20	3.08	2.46	1.76	1.37	-	-	-	-	-	-	-
HZY6-10	28.8	19.5	15.6	13.1	11.3	10.0	8.97	8.12	7.45	5.97	4.39	3.48	2.48	1.93	-	-	-	-	-	-	-
HZY6-12	34.5	23.9	18.8	15.7	13.6	11.9	10.7	9.66	8.85	7.10	5.17	4.08	2.92	2.28	-	-	-	-	-	-	-
HZY12-7.5	20.1	13.5	10.7	9.03	7.84	6.97	6.24	5.68	5.21	4.20	3.08	2.46	1.76	1.37	-	-	-	-	-	-	-
HZY12-12	34.5	23.9	18.8	15.7	13.6	11.9	10.7	9.66	8.85	7.10	5.17	4.08	2.92	2.28	-	-	-	-	-	-	-
HZY12-18	45.1	30.5	23.9	20.0	17.2	15.2	13.6	12.4	11.4	9.19	6.82	5.49	3.94	3.09	-	-	-	-	-	-	-
HZY12-26	73.4	52.3	41.7	34.8	30.0	26.5	23.7	21.5	19.6	15.7	11.4	9.12	6.62	5.21	-	-	-	-	-	-	-
HZY12-33	95.2	67.7	53.8	44.7	38.4	33.7	29.9	27.0	24.5	19.3	13.6	10.6	7.48	5.89	-	-	-	-	-	-	-
HZY12-44	114	88.5	70.5	58.1	49.7	43.6	39.1	35.4	32.3	25.6	18.1	14.1	9.88	7.70	-	-	-	-	-	-	-
HZY12-55	144	100	80.2	67.5	58.3	52.1	47.2	43.2	39.8	32.2	22.8	17.8	12.7	9.91	-	-	-	-	-	-	-
HZY12-60	162	120	92.2	74.8	62.9	54.4	48.0	43.2	39.1	30.7	22.3	17.9	13.1	10.6	-	-	-	-	-	-	-
HZY12-70J	169	130	105	88.8	77.1	68.3	61.6	56.4	52.0	41.8	30.0	23.2	16.0	12.4	-	-	-	-	-	-	-
HZY12-70	173	132	109	91.8	79.5	70.2	63.2	57.8	53.1	42.6	30.4	23.6	16.4	12.7	-	-	-	-	-	-	-
HZY12-80	190	141	116	97.9	85.5	76.4	69.4	64.0	59.1	48.1	34.9	27.2	18.9	14.7	-	-	-	-	-	-	-
HZY12-100	247	176	141	118	103	90.6	81.8	74.7	68.7	55.1	40.0	31.5	22.2	17.4	-	-	-	-	-	-	-
HZY12-110	278	203	165	139	120	106	95.1	86.2	78.7	62.6	45.3	35.8	25.1	19.6	-	-	-	-	-	-	-
HZY12-120	296	219	179	152	132	118	106	96.4	88.5	70.7	50.7	39.9	28.4	22.1	-	-	-	-	-	-	-
HZY12-135	314	227	190	166	148	134	123	113	104	83.2	60.2	47.6	33.8	26.8	-	-	-	-	-	-	-
HZY12-150	349	251	211	183	163	148	135	125	114	90.8	64.7	50.5	35.3	27.4	-	-	-	-	-	-	-
HZY12-160	358	272	230	199	177	160	146	134	124	101	73.2	57.4	40.2	31.4	-	-	-	-	-	-	-
HZY12-200	382	300	255	224	202	184	170	157	146	118	86.1	67.6	47.7	37.2	-	-	-	-	-	-	-
HZY12-230	410	325	277	250	224	203	186	173	160	132	96.3	75.8	53.5	41.9	-	-	-	-	-	-	-
HZY6-110	283	213	171	144	125	110	98.5	89.0	81.3	64.8	46.8	37.0	26.0	20.2	-	-	-	-	-	-	-
HZY6-155	363	285	239	206	183	164	149	137	126	103	76.8	61.5	44.2	35.1	-	-	-	-	-	-	-
HZY6-160	377	289	239	208	185	166	153	140	130	106	76.5	59.9	42.0	32.8	-	-	-	-	-	-	-
HZY6-200	381	301	254	222	201	183	168	155	144	118	85.6	67.8	48.1	37.7	-	-	-	-	-	-	-

End of Discharge Voltage = 1.65											DISCHARGE CURRENT in A								20 - 25 °C		
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	20.6	13.7	10.8	9.09	7.90	7.02	6.27	5.72	5.24	4.22	3.09	2.47	1.76	1.38	-	-	-	-	-	-	-
HZY6-10	29.8	19.8	15.8	13.2	11.4	10.0	9.03	8.18	7.49	6.00	4.41	3.50	2.49	1.94	-	-	-	-	-	-	-
HZY6-12	35.1	24.5	19.0	15.9	13.7	12.0	10.8	9.72	8.91	7.15	5.19	4.10	2.93	2.30	-	-	-	-	-	-	-
HZY12-7.5	20.6	13.7	10.8	9.09	7.9	7.02	6.27	5.72	5.24	4.22	3.09	2.47	1.76	1.38	-	-	-	-	-	-	-
HZY12-12	35.1	24.5	19.0	15.9	13.7	12.0	10.8	9.72	8.91	7.15	5.19	4.10	2.93	2.30	-	-	-	-	-	-	-
HZY12-18	46.1	31.1	24.3	20.2	17.4	15.4	13.7	12.5	11.5	9.24	6.85	5.52	3.96	3.10	-	-	-	-	-	-	-
HZY12-26	75.3	53.2	42.1	35.1	30.2	26.7	23.8	21.6	19.7	15.8	11.5	9.18	6.67	5.25	-	-	-	-	-	-	-
HZY12-33	96.7	68.6	54.5	45.2	38.7	33.8	30.0	27.1	24.7	19.4	13.7	10.6	7.51	5.92	-	-	-	-	-	-	-
HZY12-44	116	89.5	71.2	58.5	50.0	43.9	39.2	35.6	32.5	25.7	18.2	14.2	9.92	7.73	-	-	-	-	-	-	-
HZY12-55	147	101	81.1	68.2	58.8	52.5	47.5	43.5	40.0	32.4	23.0	17.9	12.7	10.0	-	-	-	-	-	-	-
HZY12-60	165	122	93.4	75.2	63.4	54.7	48.2	43.5	39.3	30.8	22.4	18.0	13.1	10.6	-	-	-	-	-	-	-
HZY12-70J	173	132	106	89.3	77.5	68.6	62.0	56.6	52.3	42.0	30.1	23.3	16.1	12.4	-	-	-	-	-	-	-
HZY12-70	176	134	110	92.7	80.2	70.7	63.7	58.2	53.4	42.8	30.6	23.7	16.5	12.8	-	-	-	-	-	-	-
HZY12-80	199	144	117	99.0	86.3	77.1	70.0	64.5	59.5	48.4	35.1	27.4	19.0	14.8	-	-	-	-	-	-	-
HZY12-100	254	178	142	119	103	91.2	82.3	75.2	69.2	55.3	40.2	31.7	22.4	17.5	-	-	-	-	-	-	-
HZY12-110	285	206	167	140	121	107	95.8	86.9	79.3	62.9	45.6	36.0	25.2	19.7	-	-	-	-	-	-	-
HZY12-120	305	223	181	153	133	118	107	97.1	89.1	71.0	50.9	40.1	28.5	22.2	-	-	-	-	-	-	-
HZY12-135	326	234	194	168	149	135	124	114	105	83.6	60.5	47.9	33.9	27.0	-	-	-	-	-	-	-
HZY12-150	361	255	214	185	165	149	136	125	115	91.3	64.9	50.8	35.5	27.5	-	-	-	-	-	-	-
HZY12-160	367	277	233	201	179	161	146	135	125	101	73.5	57.7	40.4	31.5	-	-	-	-	-	-	-
HZY12-200	395	307	260	227	205	186	171	159	147	119	86.7	68.0	48.0	37.4	-	-	-	-	-	-	-
HZY12-230	422	327	281	252	227	204	187	174	161	133	96.8	76.2	53.8	42.2	-	-	-	-	-	-	-
HZY6-110	291	217	173	145	126	111	99.1	89.6	81.7	65.1	47.0	37.2	26.2	20.4	-	-	-	-	-	-	-
HZY6-155	369	289	241	208	185	166	150	138	127	104	77.3	61.8	44.4	35.3	-	-	-	-	-	-	-
HZY6-160	389	295	241	210	186	168	154	141	131	106	76.8	60.2	42.2	32.9	-	-	-	-	-	-	-
HZY6-200	391	307	259	225	203	184	169	156	145	118	86.1	68.3	48.4	37.9	-	-	-	-	-	-	-

End of Discharge Voltage = 1.60											DISCHARGE CURRENT in A								20 - 25 °C		
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	21.6	14.1	11.0	9.23	7.99	7.08	6.34	5.79	5.31	4.27	3.12	2.49	1.78	1.39	-	-	-	-	-	-	-
HZY6-10	31.4	20.5	16.2	13.4	11.5	10.2	9.14	8.27	7.57	6.05	4.45	3.52	2.51	1.96	-	-	-	-	-	-	-
HZY6-12	37.3	25.3	19.6	16.3	13.9	12.2	10.9	9.86	9.01	7.21	5.24	4.13	2.96	2.31	-	-	-	-	-	-	-
HZY12-7.5	21.6	14.1	11.0	9.23	7.99	7.08	6.34	5.79	5.31	4.27	3.12	2.49	1.78	1.39	-	-	-	-	-	-	-
HZY12-12	37.3	25.3	19.6	16.3	13.9	12.2	10.9	9.86	9.01	7.21	5.24	4.13	2.96	2.31	-	-	-	-	-	-	-
HZY12-18	47.8	32.2	24.8	20.6	17.7	15.6	14.0	12.6	11.6	9.34	6.91	5.55	3.98	3.12	-	-	-	-	-	-	-
HZY12-26	78.8	54.7	42.9	35.6	30.6	26.9	24.0	21.8	19.9	15.9	11.6	9.27	6.73	5.30	-	-	-	-	-	-	-
HZY12-33	101	70.4	31.8	33.8	32.2	29.8	27.4	25.2	23.2	18.0	12.3	9.67	6.80	5.30	-	-	-	-	-	-	-
HZY12-44	120	91.6	72.4	59.3	50.5	44.3	39.6	35.9	32.8	25.9	18.4	14.3	10.0	7.78	-	-	-	-	-	-	-
HZY12-55	154	104	82.9	69.3	59.5	53.1	48.0	44.0	40.5	32.7	23.2	18.1	12.9	10.1	-	-	-	-	-	-	-
HZY12-60	168	123	94.5	76.1	64.1	55.3	48.7	43.9	39.8	31.2	22.6	18.1	13.2	10.7	-	-	-	-	-	-	-
HZY12-70J	182	136	109	91.1	78.6	69.7	62.8	57.4	52.9	42.4	30.4	23.5	16.3	12.5	-	-	-	-	-	-	-
HZY12-70	185	138	112	94.2	81.3	71.7	64.4	58.8	53.8	43.1	30.8	24.0	16.7	12.9	-	-	-	-	-	-	-
HZY12-80	212	150	120	101	87.8	78.2	71.2	65.4	60.4	48.9	35.4	27.6	19.2	14.9	-	-	-	-	-	-	-
HZY12-100	268	183	145	121	105	92.4	83.1	75.9	69.9	55.9	40.5	31.9	22.6	17.6	-	-	-	-	-	-	-
HZY12-110	298	212	170	142	123	108	97.0	87.8	80.1	63.6	46.0	36.4	25.5	19.8	-	-	-	-	-	-	-
HZY12-120	320	229	185	155	135	120	108	98.0	89.9	71.8	51.4	40.5	28.7	22.3	-	-	-	-	-	-	-
HZY12-135	349	244	201	173	153	138	126	116	106	84.6	61.1	48.5	34.2	27.2	-	-	-	-	-	-	-
HZY12-150	384	264	219	189	168	151	138	127	116	92.3	65.5	51.2	35.7	27.7	-	-	-	-	-	-	-
HZY12-160	384	285	238	204	181	163	148	137	127	102	74.2	58.2	40.8	31.9	-	-	-	-	-	-	-
HZY12-200	420	317	266	231	209	190	174	161	149	121	87.5	68.9	48.4	37.7	-	-	-	-	-	-	-
HZY12-230	451	340	287	255	229	207	191	176	164	135	97.7	76.9	54.1	42.5	-	-	-	-	-	-	-
HZY6-110	304	222	177	148	128	113	100	90.5	82.5	65.8	47.4	37.6	26.4	20.6	-	-	-	-	-	-	-
HZY6-155	380	296	245	210	186	167	152	139	129	105	78.0	62.3	44.8	35.5	-	-	-	-	-	-	-
HZY6-160	407	302	249	214	190	170	156	143	132	107	77.4	60.7	42.6	33.2	-	-	-	-	-	-	-
HZY6-200	413	320	267	230	206	188	172	159	148	120	87.1	68.9	48.9	38.3	-	-	-	-	-	-	-

IMPORTANT NOTE: GEL batteries do not deliver full capacity on the first cycle, in fact they take approx. 15 to 20 cycles to reach full capacity. This reduced initial capacity effect is due to the extremely durable crystal structure employed in the Haze GEL range. The capacity quoted in this catalogue is full capacity.

End of Discharge Voltage = 1.85					DISCHARGE IN WATTS PER CELL												20 - 25 °C				
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	26.9	19.4	16.1	13.7	12.0	10.8	9.79	9.01	8.41	6.98	5.30	4.28	3.07	2.44	-	-	-	-	-	-	-
HZY6-10	39.8	29.3	24.5	21.2	18.6	16.7	15.1	13.8	12.8	10.5	7.87	6.32	4.48	3.52	-	-	-	-	-	-	-
HZY6-12	46.5	35.0	29.3	25.7	22.7	20.3	18.5	16.9	15.7	12.9	9.68	7.81	5.62	4.38	-	-	-	-	-	-	-
HZY12-7.5	26.9	19.4	16.1	13.7	12.0	10.8	9.79	9.01	8.41	6.98	5.30	4.28	3.07	2.44	-	-	-	-	-	-	-
HZY12-12	46.5	35.0	29.3	25.7	22.7	20.3	18.5	16.9	15.7	12.9	9.68	7.81	5.62	4.38	-	-	-	-	-	-	-
HZY12-18	69.4	49.3	41.1	35.5	31.3	28.0	25.4	23.2	21.6	17.8	13.5	10.9	7.98	6.24	-	-	-	-	-	-	-
HZY12-26	105	79.4	66.9	57.5	50.6	45.2	41.1	37.4	34.6	27.9	20.4	16.5	12.2	9.77	-	-	-	-	-	-	-
HZY12-33	140	104	86.9	75.0	65.7	58.5	52.7	48.0	44.2	35.2	25.0	19.5	13.6	10.5	-	-	-	-	-	-	-
HZY12-44	171	136	116	98.0	85.8	76.3	69.1	62.9	57.8	46.6	33.5	26.2	18.2	13.9	-	-	-	-	-	-	-
HZY12-55	213	161	134	115	101	89.9	81.7	74.7	69.2	56.1	41.0	32.3	23.0	18.1	-	-	-	-	-	-	-
HZY12-60	257	192	160	137	120	106	94.9	86.4	78.8	64.1	48.2	39.0	29.8	24.3	-	-	-	-	-	-	-
HZY12-70J	242	192	167	145	130	118	108	100	93.1	75.8	54.7	42.5	29.5	22.7	-	-	-	-	-	-	-
HZY12-70	251	199	171	150	133	120	110	101	93.7	76.7	55.3	43.1	30.1	23.2	-	-	-	-	-	-	-
HZY12-80	264	215	184	162	144	131	121	112	105	86.2	62.7	49.1	34.3	26.7	-	-	-	-	-	-	-
HZY12-100	340	271	232	203	181	163	148	137	127	104	76.5	60.3	42.6	33.4	-	-	-	-	-	-	-
HZY12-110	371	302	261	228	202	183	166	151	140	113	83.3	66.3	46.7	36.3	-	-	-	-	-	-	-
HZY12-120	418	352	300	260	230	208	189	174	161	131	95.7	75.8	53.0	41.0	-	-	-	-	-	-	-
HZY12-135	385	320	295	271	250	230	214	199	185	154	112	88.1	60.8	46.6	-	-	-	-	-	-	-
HZY12-150	451	378	330	299	271	251	230	213	197	162	119	93.4	64.9	50.3	-	-	-	-	-	-	-
HZY12-160	438	389	348	314	288	267	248	231	216	180	133	106	74.2	57.9	-	-	-	-	-	-	-
HZY12-200	464	439	396	359	330	309	290	272	256	212	156	123	87.7	69.1	-	-	-	-	-	-	-
HZY12-230	539	476	426	389	358	334	313	296	281	240	177	140	99.0	77.6	-	-	-	-	-	-	-
HZY6-110	392	315	274	239	213	190	172	157	145	117	85.7	67.9	47.8	37.3	-	-	-	-	-	-	-
HZY6-155	477	403	366	333	303	281	260	242	227	191	149	122	90.0	69.9	-	-	-	-	-	-	-
HZY6-160	455	405	362	331	306	283	264	245	230	189	139	109	76.5	59.9	-	-	-	-	-	-	-
HZY6-200	487	428	382	349	321	301	282	264	250	210	153	120	86.2	68.1	-	-	-	-	-	-	-

End of Discharge Voltage = 1.80					DISCHARGE IN WATTS PER CELL												20 - 25 °C				
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr
HZY6-7.5	31.1	21.4	17.5	14.8	12.9	11.5	10.3	9.5	8.83	7.28	5.51	4.44	3.18	2.52	-	-	-	-	-	-	-
HZY6-10	44.2	31.9	26.5	22.7	19.8	17.6	15.9	14.5	13.4	11.0	8.27	6.60	4.69	3.66	-	-	-	-	-	-	-
HZY6-12	53.7	37.7	30.8	26.9	23.6	21.2	19.3	17.6	16.3	13.4	10.0	8.07	5.78	4.52	-	-	-	-	-	-	-
HZY12-7.5	31.1	21.4	17.5	14.8	12.9	11.5	10.3	9.52	8.83	7.28	5.51	4.44	3.18	2.52	-	-	-	-	-	-	-
HZY12-12	53.7	37.7	30.8	26.9	23.6	21.2	19.3	17.6	16.3	13.4	10.0	8.07	5.78	4.52	-	-	-	-	-	-	-
HZY12-18	77.0	52.9	43.4	37.1	32.5	29.2	26.3	24.0	22.2	18.2	13.8	11.1	8.11	6.35	-	-	-	-	-	-	-
HZY12-26	118	87.0	71.0	60.6	52.8	47.1	42.7	38.8	35.8	28.8	21.0	16.9	12.5	10.0	-	-	-	-	-	-	-
HZY12-33	152	112	91.4	78.0	68.0	60.0	54.1	49.1	45.1	36.0	25.5	19.9	13.9	10.8	-	-	-	-	-	-	-
HZY12-44	189	147	121	102	88.4	78.3	70.7	64.3	58.9	47.3	34.0	26.5	18.4	14.2	-	-	-	-	-	-	-
HZY12-55	232	172	142	121	105	93.6	84.3	77.1	71.2	57.6	41.9	33.0	23.6	18.6	-	-	-	-	-	-	-
HZY12-60	280	205	171	144	126	111	100	90.6	82.7	66.9	50.1	40.4	30.4	24.5	-	-	-	-	-	-	-
HZY12-70J	270	204	176	152	134	121	111	102	95.3	77.0	55.4	43.0	29.9	23.1	-	-	-	-	-	-	-
HZY12-70	275	213	180	156	138	124	113	104	96.5	78.3	56.3	43.8	30.6	23.6	-	-	-	-	-	-	-
HZY12-80	288	231	196	168	150	136	124	115	108	88.4	64.1	50.1	35.0	27.2	-	-	-	-	-	-	-
HZY12-100	396	299	250	215	189	169	154	142	131	107	78.3	61.9	43.6	34.1	-	-	-	-	-	-	-
HZY12-110	432	336	282	240	213	190	171	157	145	116	85.3	67.6	47.5	37.2	-	-	-	-	-	-	-
HZY12-120	464	371	315	271	238	214	195	179	165	134	98.0	77.3	54.0	41.9	-	-	-	-	-	-	-
HZY12-135	469	363	319	285	259	238	221	204	191	157	114	89.7	61.9	47.5	-	-	-	-	-	-	-
HZY12-150	525	415	357	317	287	262	239	221	204	167	122	95.2	65.9	51.2	-	-	-	-	-	-	-
HZY12-160	504	427	375	333	303	280	259	240	224	185	136	108	75.8	59.2	-	-	-	-	-	-	-
HZY12-200	576	497	434	386	352	327	304	284	266	220	162	127	90.3	71.1	-	-	-	-	-	-	-
HZY12-230	612	530	460	416	380	351	328	308	291	246	181	143	100	78.7	-	-	-	-	-	-	-
HZY6-110	439	343	291	250	220	196	176	161	148	119	87.1	69.0	48.5	37.9	-	-	-	-	-	-	-
HZY6-155	584	459	401	356	322	296	274	255	237	198	154	126	92.3	71.7	-	-	-	-	-	-	-
HZY6-160	563	461	400	358	326	300	278	257	240	195	142	112	78.3	61.4	-	-	-	-	-	-	-
HZY6-200	595	480	416	374	343	319	297	279	261	217	157	125	89.3	70.7	-	-	-	-	-	-	-

End of Discharge Voltage = 1.75										DISCHARGE IN WATTS PER CELL										20 - 25 °C			
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr		
HZY6-7.5	33.2	22.9	18.4	15.5	13.4	11.9	10.8	9.9	9.13	7.49	5.65	4.53	3.23	2.56	-	-	-	-	-	-	-		
HZY6-10	47.1	33.6	27.6	23.5	20.4	18.1	16.4	14.9	13.8	11.3	8.47	6.78	4.84	3.75	-	-	-	-	-	-	-		
HZY6-12	57.3	40.0	32.4	27.8	24.4	21.7	19.7	18.0	16.6	13.7	10.2	8.20	5.87	4.60	-	-	-	-	-	-	-		
HZY12-7.5	33.2	22.9	18.4	15.5	13.4	11.9	10.8	9.87	9.13	7.49	5.65	4.53	3.23	2.56	-	-	-	-	-	-	-		
HZY12-12	57.3	40.0	32.4	27.8	24.4	21.7	19.7	18.0	16.6	13.7	10.2	8.20	5.87	4.60	-	-	-	-	-	-	-		
HZY12-18	81.5	55.1	45.1	38.4	33.4	29.8	26.9	24.4	22.6	18.5	14.0	11.3	8.20	6.45	-	-	-	-	-	-	-		
HZY12-26	125	91.4	73.7	62.2	54.0	47.9	43.3	39.5	36.3	29.2	21.2	17.1	12.7	10.2	-	-	-	-	-	-	-		
HZY12-33	161	116	94.5	79.8	69.0	60.9	54.7	49.7	45.6	36.4	25.8	20.1	14.1	11.0	-	-	-	-	-	-	-		
HZY12-44	197	151	125	105	90.4	79.7	72.0	65.2	59.9	48.0	34.5	26.9	18.7	14.4	-	-	-	-	-	-	-		
HZY12-55	240	177	146	123	107	95.2	85.7	78.4	72.3	58.2	42.3	33.4	23.8	18.8	-	-	-	-	-	-	-		
HZY12-60	292	218	178	151	130	115	102	92.8	84.7	68.3	50.7	40.9	30.9	25.0	-	-	-	-	-	-	-		
HZY12-70J	284	216	183	157	138	125	113	104	96.9	78.2	56.1	43.4	30.2	23.3	-	-	-	-	-	-	-		
HZY12-70	290	222	186	161	142	127	116	106	98	79.2	56.9	44.3	31.0	23.9	-	-	-	-	-	-	-		
HZY12-80	304	242	204	174	155	140	128	118	110	89.9	65.1	50.9	35.3	27.5	-	-	-	-	-	-	-		
HZY12-100	429	310	258	220	193	172	157	144	133	109	79.3	62.7	44.3	34.7	-	-	-	-	-	-	-		
HZY12-110	468	352	291	247	217	193	174	159	146	118	86.3	68.4	48.2	37.6	-	-	-	-	-	-	-		
HZY12-120	494	388	325	277	242	218	198	182	168	136	99.1	78.3	54.8	42.4	-	-	-	-	-	-	-		
HZY12-135	518	381	328	292	264	240	223	208	195	159	115	90.7	62.8	48.3	-	-	-	-	-	-	-		
HZY12-150	568	434	369	325	293	267	244	224	208	169	123	96.3	66.8	51.9	-	-	-	-	-	-	-		
HZY12-160	556	450	391	345	314	289	267	246	229	188	138	110	77.1	60.4	-	-	-	-	-	-	-		
HZY12-200	629	524	456	406	368	340	315	294	274	226	165	129	91.7	72.3	-	-	-	-	-	-	-		
HZY12-230	668	559	482	432	391	360	336	314	296	249	183	144	102	79.7	-	-	-	-	-	-	-		
HZY6-110	478	357	300	257	225	200	180	164	151	121	88.0	69.8	49.1	38.4	-	-	-	-	-	-	-		
HZY6-155	662	495	423	373	335	305	283	262	244	203	157	129	94.1	73.0	-	-	-	-	-	-	-		
HZY6-160	630	480	415	370	336	307	284	262	244	199	144	113	79.2	62.2	-	-	-	-	-	-	-		
HZY6-200	641	505	432	389	353	327	305	286	267	221	160	126	90.9	72.1	-	-	-	-	-	-	-		

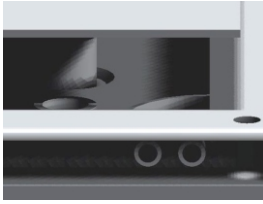
End of Discharge Voltage = 1.70										DISCHARGE IN WATTS PER CELL										20 - 25 °C			
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr		
HZY6-7.5	35.3	24.3	19.2	16.0	13.8	12.3	11.0	10.0	9.33	7.65	5.73	4.59	3.28	2.59	-	-	-	-	-	-	-		
HZY6-10	50.1	35.2	28.3	24.0	20.7	18.4	16.6	15.1	13.9	11.4	8.60	6.88	4.91	3.81	-	-	-	-	-	-	-		
HZY6-12	60.9	41.5	33.7	28.6	24.7	22.1	20.0	18.3	16.9	13.8	10.3	8.28	5.96	4.68	-	-	-	-	-	-	-		
HZY12-7.5	35.3	24.3	19.2	16.0	13.8	12.3	11.0	10.0	9.33	7.65	5.73	4.59	3.28	2.59	-	-	-	-	-	-	-		
HZY12-12	60.9	41.5	33.7	28.6	24.7	22.1	20.0	18.3	16.9	13.8	10.3	8.28	5.96	4.68	-	-	-	-	-	-	-		
HZY12-18	85.1	57.1	46.3	39.1	34.0	30.3	27.3	24.9	23.0	18.8	14.1	11.4	8.30	6.54	-	-	-	-	-	-	-		
HZY12-26	134	95.3	76.4	63.5	54.8	48.7	43.9	40.0	36.8	29.6	21.4	17.3	12.8	10.4	-	-	-	-	-	-	-		
HZY12-33	168	120	96.7	81.3	70.0	61.7	55.3	50.3	46.1	36.7	26.1	20.3	14.3	11.2	-	-	-	-	-	-	-		
HZY12-44	203	156	128	107	91.6	81.1	72.8	66.2	60.6	48.4	34.8	27.2	18.9	14.6	-	-	-	-	-	-	-		
HZY12-55	253	184	149	125	109	96.8	87.3	79.3	73.2	58.8	42.7	33.7	24.0	19.0	-	-	-	-	-	-	-		
HZY12-60	302	231	184	154	133	116	104	93.9	85.5	68.9	51.2	41.4	31.4	25.5	-	-	-	-	-	-	-		
HZY12-70J	298	226	189	161	142	127	115	106	98.5	79.3	56.8	43.8	30.4	23.5	-	-	-	-	-	-	-		
HZY12-70	304	229	190	164	144	129	118	107	100	80.0	57.5	44.7	31.2	24.0	-	-	-	-	-	-	-		
HZY12-80	324	254	211	180	158	143	130	120	112	90.8	65.7	51.3	35.6	27.7	-	-	-	-	-	-	-		
HZY12-100	449	324	266	225	197	176	159	146	135	110	80.2	63.3	44.6	34.9	-	-	-	-	-	-	-		
HZY12-110	492	365	299	252	222	197	177	161	148	119	87.3	69.2	48.7	38.1	-	-	-	-	-	-	-		
HZY12-120	522	403	334	284	248	222	201	185	170	137	100	79.1	55.2	42.8	-	-	-	-	-	-	-		
HZY12-135	543	392	333	297	267	246	227	212	197	161	117	92.2	63.6	49.0	-	-	-	-	-	-	-		
HZY12-150	604	452	380	334	301	272	248	228	211	171	125	97.2	67.4	52.5	-	-	-	-	-	-	-		
HZY12-160	589	472	405	357	323	296	271	251	233	190	140	111	77.8	61.0	-	-	-	-	-	-	-		
HZY12-200	688	561	480	422	381	349	323	299	280	230	167	131	92.9	73.0	-	-	-	-	-	-	-		
HZY12-230	720	587	498	443	400	368	342	319	301	252	184	146	103	80.5	-	-	-	-	-	-	-		
HZY6-110	504	369	307	261	228	202	182	166	153	122	88.9	70.7	49.8	38.9	-	-	-	-	-	-	-		
HZY6-155	728	529	443	387	347	315	290	268	248	207	159	130	95.1	74.0	-	-	-	-	-	-	-		
HZY6-160	654	500	429	378	343	312	288	266	247	201	146	114	80.0	62.8	-	-	-	-	-	-	-		
HZY6-200	680	527	443	397	360	333	310	290	271	224	162	128	92.1	72.9	-	-	-	-	-	-	-		

End of Discharge Voltage = 1.67										DISCHARGE IN WATTS PER CELL										20 - 25 °C			
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr		
HZY6-7.5	35.8	24.8	19.5	16.2	13.9	12.4	11.2	10.1	9.42	7.72	5.78	4.62	3.30	2.60	-	-	-	-	-	-	-		
HZY6-10	51.2	35.9	28.7	24.2	20.9	18.6	16.7	15.2	14.0	11.5	8.65	6.92	4.93	3.83	-	-	-	-	-	-	-		
HZY6-12	62.1	42.1	34.0	28.8	24.9	22.2	20.1	18.3	16.9	13.9	10.3	8.31	5.98	4.69	-	-	-	-	-	-	-		
HZY12-7.5	35.8	24.8	19.5	16.2	13.9	12.4	11.2	10.1	9.42	7.72	5.78	4.62	3.30	2.60	-	-	-	-	-	-	-		
HZY12-12	62.1	42.1	34.0	28.8	24.9	22.2	20.1	18.3	16.9	13.9	10.3	8.31	5.98	4.69	-	-	-	-	-	-	-		
HZY12-18	86.8	57.8	46.8	39.4	34.2	30.4	27.4	25.0	23.1	18.9	14.2	11.5	8.35	6.59	-	-	-	-	-	-	-		
HZY12-26	138	96.9	77.3	64.4	55.5	49.2	44.3	40.3	37.1	29.8	21.6	17.4	12.9	10.5	-	-	-	-	-	-	-		
HZY12-33	172	121	97.7	82.0	70.6	62.1	55.7	50.5	46.3	36.9	26.2	20.4	14.4	11.3	-	-	-	-	-	-	-		
HZY12-44	206	157	129	107	92.1	81.4	73.1	66.5	60.8	48.6	35.0	27.3	18.9	14.6	-	-	-	-	-	-	-		
HZY12-55	257	187	150	126	110	97.4	87.8	79.7	73.5	59.2	42.9	33.9	24.2	19.0	-	-	-	-	-	-	-		
HZY12-60	307	234	186	155	133	117	104	94.2	85.7	69.0	51.4	41.5	31.4	25.5	-	-	-	-	-	-	-		
HZY12-70J	306	230	191	163	143	128	116	107	99.1	79.8	57.0	44.0	30.6	23.6	-	-	-	-	-	-	-		
HZY12-70	310	231	191	165	144	130	118	108	100	80.4	57.7	44.8	31.3	24.1	-	-	-	-	-	-	-		
HZY12-80	340	259	214	182	160	144	131	121	112	91.4	66.0	51.5	35.8	27.8	-	-	-	-	-	-	-		
HZY12-100	461	330	268	227	198	177	160	147	136	110	80.5	63.5	44.8	35.1	-	-	-	-	-	-	-		
HZY12-110	505	372	302	255	223	198	178	162	149	120	87.7	69.5	48.9	38.2	-	-	-	-	-	-	-		
HZY12-120	533	409	337	286	250	223	203	186	171	138	100	79.4	55.4	42.9	-	-	-	-	-	-	-		
HZY12-135	554	406	343	304	272	249	229	213	199	163	118	92.7	63.9	49.2	-	-	-	-	-	-	-		
HZY12-150	615	460	385	338	304	274	250	230	212	172	125	97.5	67.7	52.7	-	-	-	-	-	-	-		
HZY12-160	611	481	411	361	325	298	274	253	235	191	140	111	78.0	61.3	-	-	-	-	-	-	-		
HZY12-200	717	573	489	429	385	353	327	303	283	232	168	132	93.5	73.5	-	-	-	-	-	-	-		
HZY12-230	745	595	505	447	404	370	345	321	302	254	186	147	103	81.0	-	-	-	-	-	-	-		
HZY6-110	512	374	310	263	229	204	183	167	153	122	89.4	71.0	50.0	39.0	-	-	-	-	-	-	-		
HZY6-155	751	542	450	394	352	319	293	270	250	208	160	131	95.6	74.3	-	-	-	-	-	-	-		
HZY6-160	671	508	433	382	345	314	290	267	248	202	146	115	80.4	63.1	-	-	-	-	-	-	-		
HZY6-200	700	537	451	402	363	335	312	292	273	225	163	129	92.5	73.2	-	-	-	-	-	-	-		

End of Discharge Voltage = 1.65										DISCHARGE IN WATTS PER CELL										20 - 25 °C			
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr		
HZY6-7.5	36.3	25.2	19.8	16.4	14.1	12.5	11.3	10.3	9.51	7.78	5.82	4.65	3.32	2.62	-	-	-	-	-	-	-		
HZY6-10	52.2	36.5	29.0	24.5	21.1	18.7	16.8	15.3	14.1	11.5	8.69	6.96	4.95	3.85	-	-	-	-	-	-	-		
HZY6-12	63.2	42.7	34.3	29.0	25.0	22.3	20.2	18.4	17.0	13.9	10.4	8.35	6.00	4.71	-	-	-	-	-	-	-		
HZY12-7.5	36.3	25.2	19.8	16.4	14.1	12.5	11.3	10.3	9.51	7.78	5.82	4.65	3.32	2.62	-	-	-	-	-	-	-		
HZY12-12	63.2	42.7	34.3	29.0	25.0	22.3	20.2	18.4	17.0	13.9	10.4	8.35	6.00	4.71	-	-	-	-	-	-	-		
HZY12-18	88.6	58.6	47.2	39.8	34.5	30.6	27.5	25.2	23.2	19.1	14.3	11.5	8.39	6.65	-	-	-	-	-	-	-		
HZY12-26	142	98.6	78.2	65.3	56.2	49.8	44.7	40.6	37.3	30.0	21.7	17.5	13.0	10.5	-	-	-	-	-	-	-		
HZY12-33	177	123	98.7	82.8	71.2	62.5	56.1	50.8	46.5	37.1	26.3	20.4	14.5	11.4	-	-	-	-	-	-	-		
HZY12-44	209	159	130	108	92.6	81.8	73.4	66.8	61.1	48.8	35.1	27.4	19.0	14.7	-	-	-	-	-	-	-		
HZY12-55	262	190	152	127	110	98.0	88.4	80.1	73.9	59.6	43.2	34.1	24.3	19.1	-	-	-	-	-	-	-		
HZY12-60	313	237	188	157	134	118	105	94.5	85.9	69.2	51.5	41.6	31.5	25.6	-	-	-	-	-	-	-		
HZY12-70J	314	234	194	165	144	129	117	108	100	80.2	57.3	44.3	30.8	23.7	-	-	-	-	-	-	-		
HZY12-70	315	233	192	166	145	130	118	109	101	80.8	57.9	45.0	31.4	24.2	-	-	-	-	-	-	-		
HZY12-80	355	264	217	185	162	145	133	122	113	91.9	66.2	51.8	36.0	27.9	-	-	-	-	-	-	-		
HZY12-100	473	335	270	229	200	178	161	148	137	111	80.7	63.7	44.9	35.2	-	-	-	-	-	-	-		
HZY12-110	518	379	306	257	225	199	179	163	150	120	88.1	69.8	49.1	38.4	-	-	-	-	-	-	-		
HZY12-120	545	415	341	288	251	225	204	187	172	139	101	79.7	55.5	43.0	-	-	-	-	-	-	-		
HZY12-135	565	421	353	310	277	253	232	215	200	164	119	93.1	64.2	49.4	-	-	-	-	-	-	-		
HZY12-150	626	467	390	342	306	276	252	232	214	173	126	97.9	67.9	52.9	-	-	-	-	-	-	-		
HZY12-160	632	491	416	365	328	301	276	254	236	193	141	112	78.3	61.5	-	-	-	-	-	-	-		
HZY12-200	746	586	498	435	390	357	330	306	285	234	169	133	94.0	74.1	-	-	-	-	-	-	-		
HZY12-230	770	602	511	451	408	373	347	323	304	256	188	147	104	81.5	-	-	-	-	-	-	-		
HZY6-110	521	379	313	266	231	205	184	168	154	123	89.8	71.3	50.3	39.2	-	-	-	-	-	-	-		
HZY6-155	775	554	457	400	357	323	296	272	252	210	160	132	96.0	74.6	-	-	-	-	-	-	-		
HZY6-160	688	516	438	386	348	316	291	269	249	203	147	115	80.8	63.4	-	-	-	-	-	-	-		
HZY6-200	720	547	458	406	366	338	314	294	275	227	163	129	92.9	73.5	-	-	-	-	-	-	-		

End of Discharge Voltage = 1.60										DISCHARGE IN WATTS PER CELL										20 - 25 °C		
Model	5'	10'	15'	20'	25'	30'	35'	40'	45'	1 hr	90'	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr	
HZY6-7.5	38.4	26.3	20.4	16.8	14.4	12.8	11.5	10.5	9.63	7.89	5.88	4.7	3.34	2.63	-	-	-	-	-	-	-	
HZY6-10	54.6	37.9	29.7	24.9	21.5	19.0	17.0	15.5	14.3	11.6	8.77	7.02	5.00	3.89	-	-	-	-	-	-	-	
HZY6-12	66.4	43.6	35	29.3	25.3	22.5	20.3	18.6	17.2	14.0	10.5	8.42	6.03	4.74	-	-	-	-	-	-	-	
HZY12-7.5	38.4	26.3	20.4	16.8	14.4	12.8	11.5	10.5	9.63	7.89	5.88	4.70	3.34	2.63	-	-	-	-	-	-	-	
HZY12-12	66.4	43.6	35.0	29.3	25.3	22.5	20.3	18.6	17.2	14.0	10.5	8.42	6.03	4.74	-	-	-	-	-	-	-	
HZY12-18	91.6	60.1	48.1	40.3	34.8	30.9	27.9	25.4	23.5	19.2	14.5	11.7	8.46	6.71	-	-	-	-	-	-	-	
HZY12-26	150	102	80	66.7	57.4	50.7	45.6	41.4	38.0	30.5	22.1	17.7	13.2	10.8	-	-	-	-	-	-	-	
HZY12-33	183	126	100	83.9	72.0	63.3	56.7	51.5	47.1	37.5	26.6	20.7	14.7	11.6	-	-	-	-	-	-	-	
HZY12-44	215	162	132	110	94.0	82.8	74.2	67.4	61.6	49.2	35.3	27.6	19.1	14.8	-	-	-	-	-	-	-	
HZY12-55	274	194	154	130	112	99.4	89.7	81.3	74.9	60.2	43.7	34.4	24.5	19.3	-	-	-	-	-	-	-	
HZY12-60	321	242	190	159	136	119	106	95.2	86.4	69.6	51.7	41.9	31.7	25.7	-	-	-	-	-	-	-	
HZY12-70J	331	242	199	168	146	131	119	109	101	81.0	58.0	44.7	31.1	23.9	-	-	-	-	-	-	-	
HZY12-70	330	239	195	167	147	132	119	110	101	81.3	58.3	45.3	31.6	24.4	-	-	-	-	-	-	-	
HZY12-80	378	272	223	188	165	147	134	123	115	92.8	66.7	52.2	36.3	28.1	-	-	-	-	-	-	-	
HZY12-100	497	345	276	233	204	180	164	150	139	112	81.5	64.3	45.4	35.5	-	-	-	-	-	-	-	
HZY12-110	540	390	312	263	229	203	182	165	152	122	89.2	70.3	49.5	38.6	-	-	-	-	-	-	-	
HZY12-120	572	427	346	292	254	227	206	189	174	140	102	80.4	56.1	43.5	-	-	-	-	-	-	-	
HZY12-135	607	438	364	316	281	257	235	217	202	166	120	94.0	64.7	49.9	-	-	-	-	-	-	-	
HZY12-150	652	480	400	348	311	280	255	234	216	175	126	98.6	68.4	53.3	-	-	-	-	-	-	-	
HZY12-160	676	508	426	371	334	305	280	257	239	195	142	112	78.9	61.9	-	-	-	-	-	-	-	
HZY12-200	792	609	510	447	398	363	335	311	289	236	171	134	95.0	74.6	-	-	-	-	-	-	-	
HZY12-230	834	625	526	459	414	379	351	327	308	259	190	149	105	82.4	-	-	-	-	-	-	-	
HZY6-110	539	389	318	269	234	207	186	169	155	124	90.7	71.9	50.6	39.5	-	-	-	-	-	-	-	
HZY6-155	806	566	467	405	362	327	299	274	254	213	162	133	97.0	75.3	-	-	-	-	-	-	-	
HZY6-160	720	534	448	395	354	321	295	271	252	205	148	116	81.4	63.8	-	-	-	-	-	-	-	
HZY6-200	760	562	472	416	374	344	319	298	278	229	165	130	93.6	73.9	-	-	-	-	-	-	-	

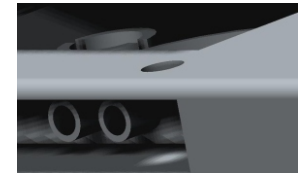
IMPORTANT NOTE: GEL batteries do not deliver full capacity on the first cycle, in fact they take approx. 15 to 20 cycles to reach full capacity. This reduced initial capacity effect is due to the extremely durable crystal structure employed in the Haze GEL range. The capacity quoted in this catalogue is full capacity.



Central Gassing - Haze produce some models with a integral central gassing system. This system is a useful feature when batteries are installed in an IP66 cabinet. Sealing prevents any escaping gas from exiting the enclosure.

Central gassing allows a tube carrying the emissions to pass through a seal to atmosphere.

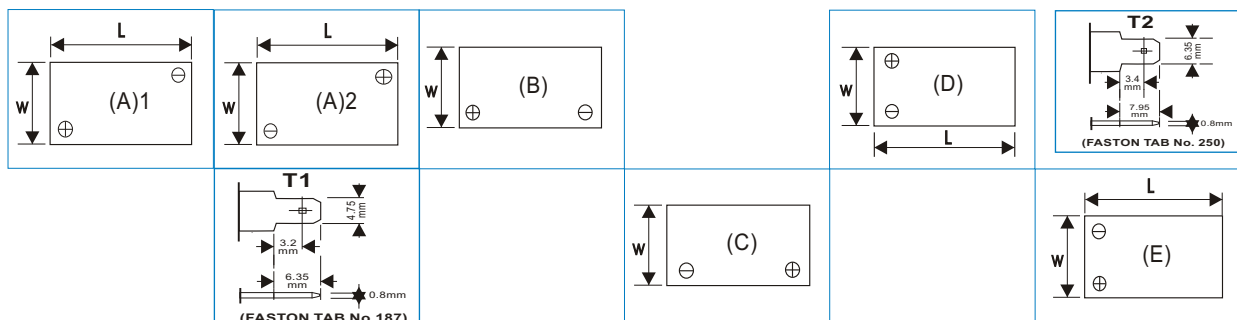
Haze are adding this feature to a number of sizes, if you require this feature please contact us for an up-to-date list of models included.

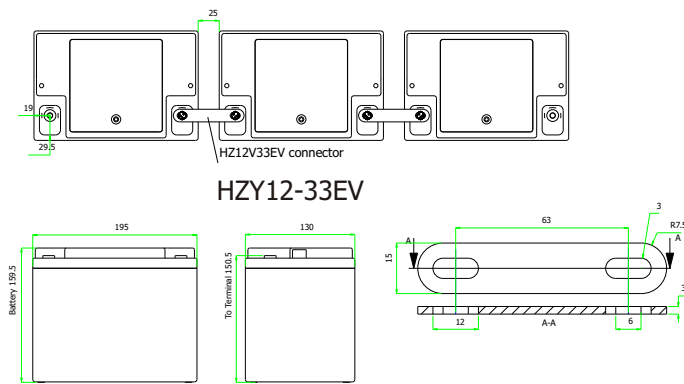


Battery Model	Qty Per Box	Dimensions (mm) & weight (Kg)				Dimensions (Inches) & weight (Lbs)				Terminal Details	BCI Group Size	Internal Resistance mOhms	Maximum Charge Current	CCA at 0 °C	Short Circuit Amps
		Length	Width	Height	Weight	Length	Width	Height	Weight						
HZY6-7.5	10	150	34	94 (100)	1.2	5.91	1.34	3.7 (3.9)	2.7	B-T1	—	18	1.5	NA	275
HZY6-10	10	151	50	96 (102)	1.9	5.94	1.97	3.8 (4.0)	4.2	B-T1	—	15	2	NA	325
HZY6-12	10	151	50	96 (104)	1.8	5.94	1.97	3.8(4.1)	4.0	B-T2	—	13	2.4	NA	500
HZY12-7.5	8	151	65	94 (102)	2.4	5.94	2.56	3.7 (4.0)	5.3	D-T1	—	40	1.5	NA	275
HZY12-12	4	150	97	96 (104)	3.7	5.91	3.82	3.8(4.1)	8.2	D-T2	—	24	2.4	NA	500
HZY12-18	2	181	76	167	5.5	7.13	2.99	6.57	12.2	C - M5	—	16	4.5	137	700
HZY12-26	1	178	168	124	8.8	7.01	6.61	4.88	19.4	C - M5	—	9.5	6.5	217	900
HZY12-33	1	195	130	160	10.2	7.68	5.12	6.30	22.5	B - M6	U1	10.6	8	260	1100
HZY12-44	1	198	167	157	13.5	7.80	6.57	6.18	29.8	C - M6	—	8	11	337	1400
HZY12-55	1	229	138	213	16.8	9.02	5.43	8.39	37.1	B - M6	22NF	7	14	444	1700
HZY12-60	1	228	139	217	18.8	8.98	5.47	8.54	41.5	B - M6	—	6.5	14	563	1750
HZY12-70J	1	349	168	175	22.6	13.74	6.61	6.89	49.9	C - M6	—	5.3	18	530	2100
HZY12-70	1	260	168	211	25.1	10.24	6.61	8.31	55.5	B - M6	24	5.2	18	535	2100
HZY12-80	1	260	168	211	24.0	10.24	6.61	8.31	53.0	B - M6	24	5.7	20	600	2400
HZY12-100	1	306	168	211	28.3	12.05	6.61	8.31	62.5	B - M6	27	4.7	25	715	2900
HZY12-110	1	329	173	209	30.9	12.95	6.81	8.23	68.3	B - M6	31	4.4	27	766	3000
HZY12-115	1	349	174	216.5	37.0	13.74	6.85	8.52	81.8	B - M6	—	3.4	28	980	3100
HZY12-120	1	408	176	227	34.5	16.06	6.93	8.94	76.2	B - M6	—	3.7	30	835	3300
HZY12-135	1	340	173	283	41.9	13.39	6.81	11.14	92.6	B - M6	—	4	35	906	3750
HZY12-150	1	482	170	242	45.0	18.98	6.69	9.53	99.5	B - M6	—	3.3	38	919	4200
HZY12-160	1	530	209	214	54.9	20.87	8.23	8.43	121.3	E - M6	4D	3.1	40	938	4700
HZY12-200	1	520	240	220	63.3	20.47	9.45	8.66	139.9	E - M8	—	2.88	50	988	5400
HZY12-230	1	521	269	203	74.5	20.51	10.59	7.99	164.6	E - M8	8D	2.3	57	1007	5900
HZY6-110	1	193	168	205	17.9	7.60	6.61	8.07	39.6	A - M6	—	1.8	27	789	3200
HZY6-155	1	282	177	280	31.0	11.10	6.97	11.02	68.5	A - M8	—	1.7	45	955	4900
HZY6-160	1	298	171	226	26.9	11.73	6.73	8.90	59.4	A - M6	—	1.7	40	966	4600
HZY6-200	1	323	178	225	31.1	12.72	7.01	8.86	68.7	A - M8	—	1.4	50	978	5000

Standard terminal is threaded insert style

Terminal Layout details



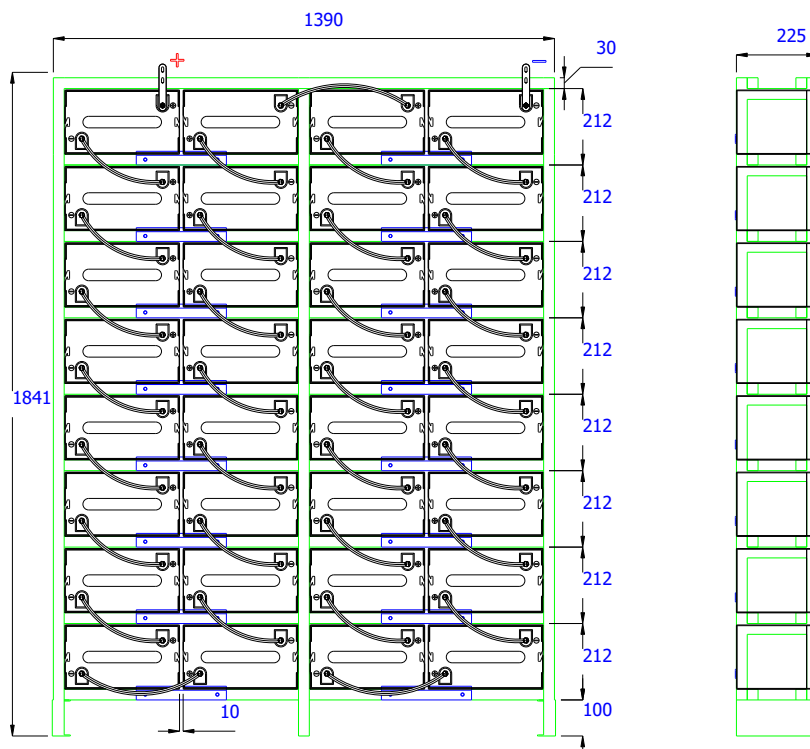
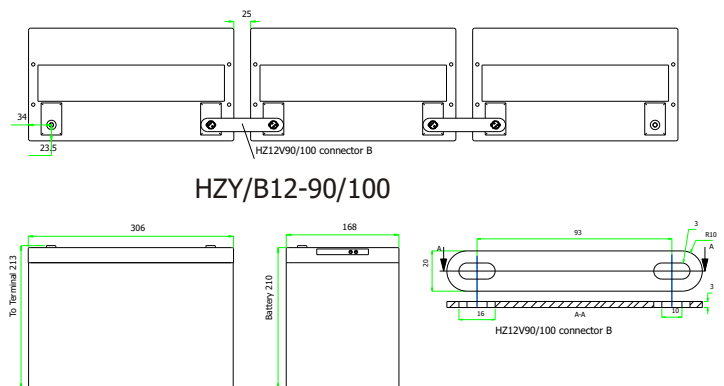


Battery installations have many variables : space available, autonomy times, load carrying requirements etc.

Haze Engineering department is at the customers disposal to find the best solution, provide dimensioned layout drawings and wiring diagrams.

A tailor made solution to meet the customers requirements.

All drawings are submitted for customer approval to ensure trouble free installation.



Racking is available to suit available space and required configuration.

Special cables and / or standard connectors can be provided on request along with wiring diagrams.

A range of terminal covers are available to cover large and small batteries and cables or connectors.

The example rack shown is for HZB/Y6-200.



Haze Battery Company Ltd

Product Range

4, 6 & 12 Volt AGM 1.3 to 230AH

6 & 12 Volt Gel 7.5 to 230AH

12 Volt Front Access AGM

12 Volt Front Access Gel

2 Volt AGM & Gel 50 to 3850AH

EV Gel

EV AGM

Marine Gel

Solar

OPzV

OPzS

GLOBACOM LTDA.

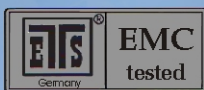
San Antonio 154, La Florida, Santiago, Chile

Tel: (56) (2) 24192610 - 24405144

Sitio Web: www.globacom.cl

E-mail: ventas@globacom.cl

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