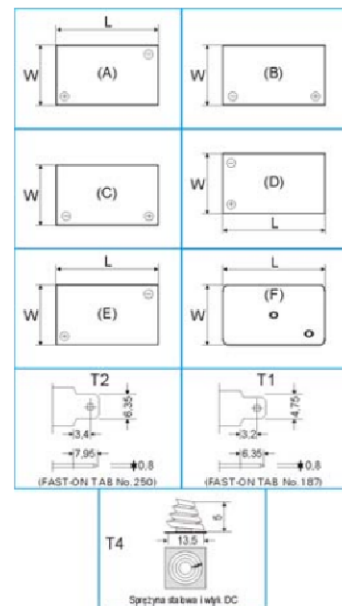


Battery Model	Voltage [V]	Capacity C20 [Ah]	Length [mm]	Width [mm]	Height [mm]	Weight [kg]	Terminal type
HZS 4-4,5	4	4,5	47	47	101	0,50	C-T1
HZS 4-5	4	5	91	50	75	0,55	C-T1
HZS 4-10	4	10	102	44	95	1,00	B-T1
HZS 6-1,3	6	1,3	98	25	52	0,32	B-T1
HZS 6-3,2	6	3,2	134	34	60	0,73	B-T1
HZS 6-4,5	6	4,5	70	48	101	0,81	A-T1
HZS 6-4,5sp	6	4,5	66	66	97	0,90	F-T4
HZS 6-7,2	6	7,2	150	34	94	1,27	B-T1
HZS 6-10	6	10	151	50	93,5	1,80	B-T1
HZS 6-12	6	12	151	50	93,5	2,00	B-T2
HZS 6-14TOY	6	14	108	68,5	140	2,37	B-T2/Cable
HZS 12-0,8	12	0,8	96	25	62	0,37	Cable-T1
HZS 12-1,3	12	1,3	96,5	45	53	0,58	E-T1
HZS 12-2Med	12	2	150	20	89	0,70	-
HZS 12-2,3CC	12	2,3	182	23	60	0,74	-
HZS 12-2,2	12	2,2	177,5	34	60	1,01	B-T1
HZS 12-2,9	12	2,9	78	55	98	1,16	B-T1
HZS 12-3,3	12	3,3	133,5	67	61	1,40	C-T1
HZS 12-4	12	4	90	70	101	1,66	B-T1
HZS 12-5	12	5	90	70	101	1,74	D-T1
HZS 12-5HR	12	5,7	140	48	103	1,85	D +T2/-T1
HZS 12-7	12	7	151	65	94	2,35	D-T1
HZS 12-7,5	12	7,5	151	65	94	2,52	D-T1
HZS 12-7,5HR	12	9	151	65	94	2,63	D-T2
HZS 12-12	12	12	150	97	94	4,10	D-T2
HZS 12-14	12	14	150	97	94	4,25	D-T2
HZS 12-18	12	18	180	76	167	6,30	C-M5
HZS 12-26	12	26	165	174,5	125	9,20	C-M5
HZS 12-33	12	33	193,5	130	166,5	10,90	B-M6
HZS 12-44	12	44	196	164	170,5	13,60	C-M6
HZS 12-70	12	70	350	166	174	21,50	C-M6
HZS 12-100	12	100	305	168	208	30,00	B-M6

Terminal details



Approvals



Charging characteristics

Floating – The optimum float voltage for a battery is temperature dependant. At 15÷24°C the recommended value is 2,27-2,30VPC. It is recommended that battery installation sites are temperature controlled, however float voltage can be increased or decreased to compensate for temperature variations as shown in the table below (-3mV per degree C).

Operating temperature [°C]	Recommended 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 C20/4.

Capacity temperature correction factor

Temperature	0°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C
Discharge time									
5 + 60 min.	0,8	0,86	0,91	0,96	1	1,037	1,063	1,085	1,1
1 +100 hr(s).	0,86	0,9	0,93	0,97	1	1,028	1,05	1,063	1,07

