

INFORMATION ON REGULATION (EU) 2023/1542
 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
 Article 10 – Performance and Durability Requirements
 Flooded Motive Batteries (Electric Vehicle)



Model	Rated Capacity (Ah@C20)	Capacity Fade (%)	Max Charge Current (Amps)	Power at 20Hr Rate (W)	Ratio of nominal battery power (W) and battery energy (Wh)	Power Fade (%)	Power capability at 80% SOC(W)	Power capability at 20% SOC(W)	Internal Resistance (mΩ)	Internal Resistance Increase (%)	Energy Round Trip Efficiency(%)	Fade in Energy Round Trip Efficiency(%)	Expected Life in Cycles
24TMX	85	50	C ₂₀ /5	54	0.05	50	53	50		50%	91	90	300
27TMH	115	50	C ₂₀ /5	73	0.05	50	72	67	5.06	50%	91	90	300
27TMX	105	50	C ₂₀ /5	67	0.05	50	66	61		50%	91	90	300
30XHS	130	50	C ₂₀ /5	83	0.05	50	81	76	4.38	50%	91	90	300
31XHS	130	50	C ₂₀ /5	83	0.05	50	81	76	5.1	50%	91	90	300
J150	150	50	C ₂₀ /5	95	0.05	50	94	87	6.98	50%	91	90	300
J185G-AC	185	50	C ₂₀ /5	118	0.05	50	116	108		50%	91	90	300
J185H-AC	225	50	C ₂₀ /5	143	0.05	50	141	131	5.8	50%	91	90	300
J185HG-AC	225	50	C ₂₀ /5	143	0.05	50	141	131	5.8	50%	91	90	300
J185P-AC	205	50	C ₂₀ /5	130	0.05	50	128	120	7	50%	91	90	300
J185PG-AC	205	50	C ₂₀ /5	130	0.05	50	128	120	7	50%	91	90	300
J250G	235	50	C ₂₀ /5	75	0.05	50	73	69	2.9	50%	91	90	300
J250P	250	50	C ₂₀ /5	80	0.05	50	78	73	2.9	50%	91	90	300
J305E-AC	305	50	C ₂₀ /5	97	0.05	50	95	89	2.9	50%	91	90	300
J305G-AC	315	50	C ₂₀ /5	100	0.05	50	98	92	2.36	50%	91	90	300
J305H-AC	360	50	C ₂₀ /5	115	0.05	50	113	105	2.36	50%	91	90	300
J305HG-AC	360	50	C ₂₀ /5	115	0.05	50	113	105	2.07	50%	91	90	300
L16E-AC	370	50	C ₂₀ /5	118	0.05	50	116	108	2.45	50%	91	90	300
L16G-AC	390	50	C ₂₀ /5	124	0.05	50	122	114	2.45	50%	91	90	300
L16H-AC	435	50	C ₂₀ /5	139	0.05	50	136	127	2.45	50%	91	90	300
L16P-AC	420	50	C ₂₀ /5	134	0.05	50	131	122	2.45	50%	91	90	300
S-105	215	50	C ₂₀ /5	68	0.05	50	67	63	2.65	50%	91	90	300
S-1275	126	50	C ₂₀ /5	80	0.05	50	79	73	6.98	50%	91	90	300
S-875	165	50	C ₂₀ /5	70	0.05	50	69	64	4.3	50%	91	90	300
T105	225	50	C ₂₀ /5	72	0.05	50	70	66	2.65	50%	91	90	300
T105+	225	50	C ₂₀ /5	72	0.05	50	70	66	2.65	50%	91	90	300



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T125	240	50	C ₂₀ /5	76	0.05	50	75	70	2.35	50%	91	90	300
T125+	240	50	C ₂₀ /5	76	0.05	50	75	70	2.35	50%	91	90	300
T1275	150	50	C ₂₀ /5	95	0.05	50	94	87	6.98	50%	91	90	300
T1275+	150	50	C ₂₀ /5	95	0.05	50	94	87	6.98	50%	91	90	300
T145	260	50	C ₂₀ /5	83	0.05	50	81	76	2.98	50%	91	90	300
T145+	260	50	C ₂₀ /5	83	0.05	50	81	76	2.98	50%	91	90	300
T605	210	50	C ₂₀ /5	67	0.05	50	66	61	2.21	50%	91	90	300
T875	170	50	C ₂₀ /5	72	0.05	50	71	66	4.3	50%	91	90	300
T890	190	50	C ₂₀ /5	81	0.05	50	79	74	4.3	50%	91	90	300
TE35	245	50	C ₂₀ /5	156	0.05	50	153	143	2.65	50%	91	90	300

