

LIONFORCE

HV 100



Single 322 & 644

Parameter	HV 100 Single 322	HV 100 Single 644
Nominal Voltage [V]	322	644
Capacity [Ah]	100	50
Energy [kWh]	32,2	
Battery Dimensions [mm]	833x736x247	
Weight [kg]	230	
Energy density volumetric [Wh/L]	215	
Energy density gravimetric [Wh/kg]	140	
Discharge cont. [C]	1	
Charge cont. [C]	1,2	
Charge / Discharge Peak 10s [C]	2	
General Properties		
Cycle Life @80% SOH	3000	
Cooling/Heating	liquid	
Scalability	up to 24 batteries	
Installation orientation	vertical and horizontal	
Protection	IP6k9k	
Certifications	UN38.3, ECE R100+R10, ISO 26262 ASIL B	
Communication	CAN (SAE J1939)	

