



## ELECTRICAL SPECIFICATIONS

Measured at ambient temperature of 25°C

Electrical Specifications		
	GEN2 Specification	GEN4 Specification
Nominal Voltage	52.5V	44.4V
Max. Voltage	58.1 V (4.15 V per cell)	49.8V (4.15 V per cell)
Min. Voltage	43.4 V (3.1 V per cell)	37.2 V (3.1 V per cell)
Nominal Capacity	66.2 AH	111.4 Ah
Energy	3.46 kWh	4.94 kWh
Number of Cells/pack	28	24
Cell Configuration	14S 2P	12S 2P
Cell Chemistry	Manganese Laminated Lithium-ion	
Power Terminal Type	AMPHENOL SLPRB50TPS – B [Black] BATTERY V- AMPHENOL SLPRB50TPS – R [Red] BATTERY V+	
BMS	Integrated	
Fuse Fitted	400 A	
Max. Current (continuous)	132 A	
Series Configuration	Maximum 11 Packs in series (normal applications, variance subject to agreement with Hyperdrive)	Maximum 13 Packs in series (normal applications, variance subject to agreement with Hyperdrive)
Parallel Configuration	Maximum 15 packs (or strings of packs) in parallel	
Certification	UN 38.3  EN61000-6-1 Immunity for residential, commercial and light industrial EN61000-6-2 Immunity for industrial environments EN61000-6-3 Emissions for residential commercial and light industrial EN61000-6-4 Emissions for industrial environments EMC EN55022 Class A Certified (Emissions and Immunity)  RoHS Directive WEEE Directive	