

EEVOLUTION

BATTERY SYSTEMS

In Association With



GEN5-1S

EEvolution Liquid Cooled Battery System



*4S Version Shown

Specification			
Voltage Range:	72V (0%) to 100V (100% SoC)	Capacity:	158.8Ah (13.6kWh)
Max Cont. Discharge Current:	200A Fused	Charge Temperature Range:	- 20°C to 55°C
Max Peak Discharge Current:	600A Fused	Discharge Temperature Range:	- 20°C to 55°C
Mass:	70kg (Estimated)	Storage Temperature Range:	- 30°C to 65°C
Dimensions: 490mm Wide X 662mm Long (Ex Connectors etc.) X 163mm High (Inc Mountings)			

Using Envision AESC GEN5 battery module technology, we have developed liquid cooled battery subsystems that can be connected in series to meet the applications voltage requirements, ranging from 85.1V to 680V (Nominal) at up to 108kWh. If your capacity requirements are higher, then we can use multiple strings in parallel.

Each subsystem contains BMS, Isolation Contactors, Fuse, MSD and HVIL Power Connectors.

Combined with our advanced Battery Management System (BMS), High Voltage Power Distribution Unit (HVPDU) your project to take full advantage of our modular battery solutions and seamless integration with any power system, ensuring maximum safety and performance.

	Document title GEN5-1S	Issue Date: 2024/03/12	Page 1 of 1
	Document & Revision no. 1.0		