

ORION BEV PACK FAMILY DATA SHEET

Class 3/4 Vehicles ♦ FLAT PACK (10 modules)					
Configuration	5SIP Hermes 24s*	6SIP Hermes 16s*	8SIP Hermes 24s*	10SIP Hermes 16s	10SIP Hermes 24s
Capacity (total)	50 kWh	172.8 Ah, 60 kWh	80 kWh	100 kWh	
Voltage Range	500 V to 436 V	403 V – 288 V	806.4 V to 576 V	672 V to 400 V	1000 V to 600 V
Dimensions (Overall)	1,330 mm(L) x 932 mm (W) x 2 25 mm (H) mm	1,500 mm (L) x 940 mm (W) x 254 mm (H)	1,910 mm (L) x 932 mm (W) x 225 mm (H)	2,300 mm (L) X 905 mm (W) X 250 mm (H)	
Volume	245 L	314 L	400 L	546 L	
Weight	338 kg	395	500 kg	660 kg	
Gravimetric Density	204 Wh/L	191 Wh/L	200 Wh/L	152 Wh/kg	
Volumetric Density	148 Wh/kg	151 Wh/kg	160 Wh/kg	183 Wh/L	

*Available in additional configurations



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RAIL PACK - ORION (3 modules)			
Configuration	3SIP (Hermes 16s)	3SIP (Hermes 24s)	3SIP (Hermes 32s)
Capacity (total)	30 kWh		
Voltage Range	120 V to 202 V	180 V to 302 V	240 V to 403 V
Dimensions (Overall)	895 mm (L) X 466 mm (W) X 344 mm (H)		
Volume	143 L		
Weight	180 kg		
Gravimetric Density	167 Wh/kg		
Volumetric Density	210 Wh/L		



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Class 5/6 Vehicles ♦ RAIL PACK - ORION (5 modules)			
Configuration	5SIP (Hermes 16s)	5SIP (Hermes 24s)	5SIP (Hermes 32s)
Capacity (total)	50 kWh		
Voltage Range	200 V to 336 V	300 V to 504 V	400 V to 672 V
Dimensions (Overall)	895 mm (L) X 466 mm (W) X 344 mm (H)		
Volume	275 L		
Weight	325 kg		
Gravimetric Density	154 Wh/kg		
Volumetric Density	182 Wh/L		



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RAIL PACK – ORION (6 modules)			
Configuration	6SIP (Hermes 16s)	6SIP (Hermes 24s)	6SIP (Hermes 32s)
Capacity (total)	60 kWh		
Voltage Range	240 V to 403 V	360 V to 605 V	480 V to 806 V
Dimensions (Overall)	900 mm (L) X 466 mm (W) X 629 mm (H)		
Volume	273 L		
Weight	375 kg		
Gravimetric Density	160 Wh/kg		
Volumetric Density	220 Wh/L		



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Class 7/8 Vehicles ♦ RAIL PACK – ORION (7-8 modules)			
Configuration	8SIP (Hermes 16s)	8SIP (Hermes 24s)	8SIP (Hermes 32s)
Capacity (total)	80 kWh		
Voltage Range	320 V to 538 V	480 V to 806 V	640 V to 1075 V
Dimensions (Overall)	860 mm (L) X 560 mm (W) X 720 mm (H)		
Volume	343 L		
Weight	500 kg		
Gravimetric Density	160 Wh/kg		
Volumetric Density	233 Wh/L		



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