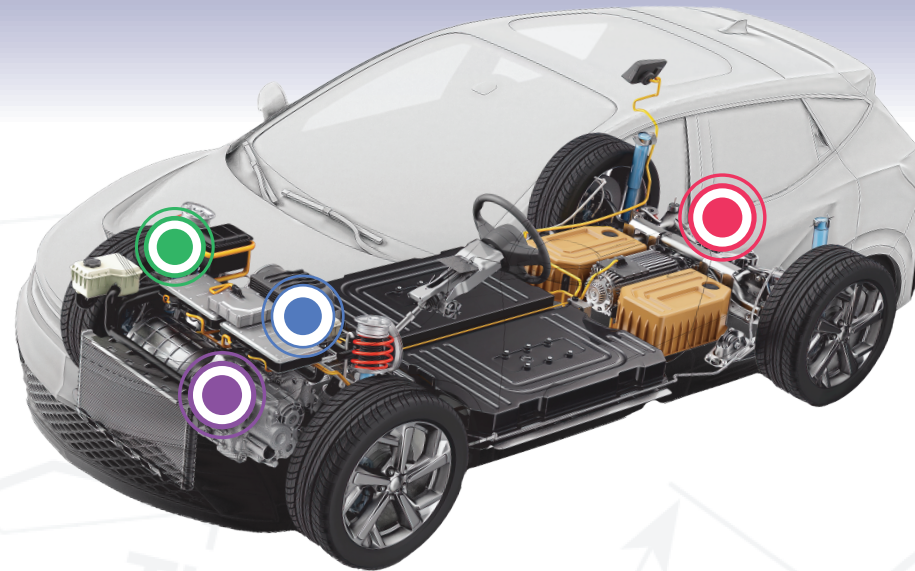


eMOBILITY INTERCONNECT SOLUTIONS



Amphenol



BATTERY PACK



UPC



SurLok Plus

POWER DISTRIBUTION SYSTEM



ePower-Lite



UPC



Tru-Loc



SurLok Plus

INVERTER



ePower-Lite



SurLok Plus



UPC

MOTOR CONTROL UNIT



ePower-Lite



UPC

PARAMETRIC DATA TABLE

	EPOWER-LITE	SURLOK PLUS™	UPC	TRU-LOC
	 <i>Available in the ePower-Lite Mini and 5.7mm</i>			
Wire Gauge Range (AWG)	14 to 8	8 to 2/0	25mm ² -150mm ²	16
Operating Voltage	1,000 VDC	1,000 VAC / VDC	1000V DC/ 750V AC	1600 Vac RMS
Current Rating (Amps)	Up to 70	70 to 300	200 to 450	Up to 13
Number of Contacts	2 to 4	1	2 or 3	2, 4 or 6
EMI/RFI Shielding	Available	No	EMI shielding	No
IP Rating	IP67 / IP69 when mated	IP67 / IP69 when mated	IP67 / IP69 when mated	IP67 when mated
High Voltage Interlock Loop	X	X	X	
Operating Temperature	-40°F to 257°F -40°C to 125°C	-40°F to 257°F -40°C to 125°C	-40°F to 257°F -40 °C to 125 °C	-40°F to 257°F -40°C to 125°C or 150°C
RoHS Compliant	Yes	Yes	Yes	Yes
Shell Material	Thermoplastic	Composite	Plastic, Thermoplastic	None
Polarization	Positive	Positive and Insert	None	None
Standard/Associated Specs	UL 94 V-0	UL 1977	UL 1977, varies by size	N/A
Contact Type	Radsok Pin / Socket	Pin / Socket	RADSOK	Stamped
Contact Plating	Radsok - Grid: Silver, Sleeves: Tinned	Silver	Silver, Gold	Gold, Nickel
Termination Type	Crimp	Crimp	Crimp, Busbar	Crimp
Life in Mating Cycles (min.)	100	100	100	20

HIGH POWER AMPERAGE RANGE

