

Amphenol

COMMUNICATIONS SOLUTIONS

DURASWAP

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ACPI



DURASWAP

- Used in areas where batteries are swappable,
- Battery can be mated/unmated blindly without any additional effort.
- Mating parts will be on battery surface and vehicle body.
- Mating cycles : 10000. with IP67
- Power : 2 pin 100A /70A continuous
- Signal : 4 /6 pin

Application



Swapping station

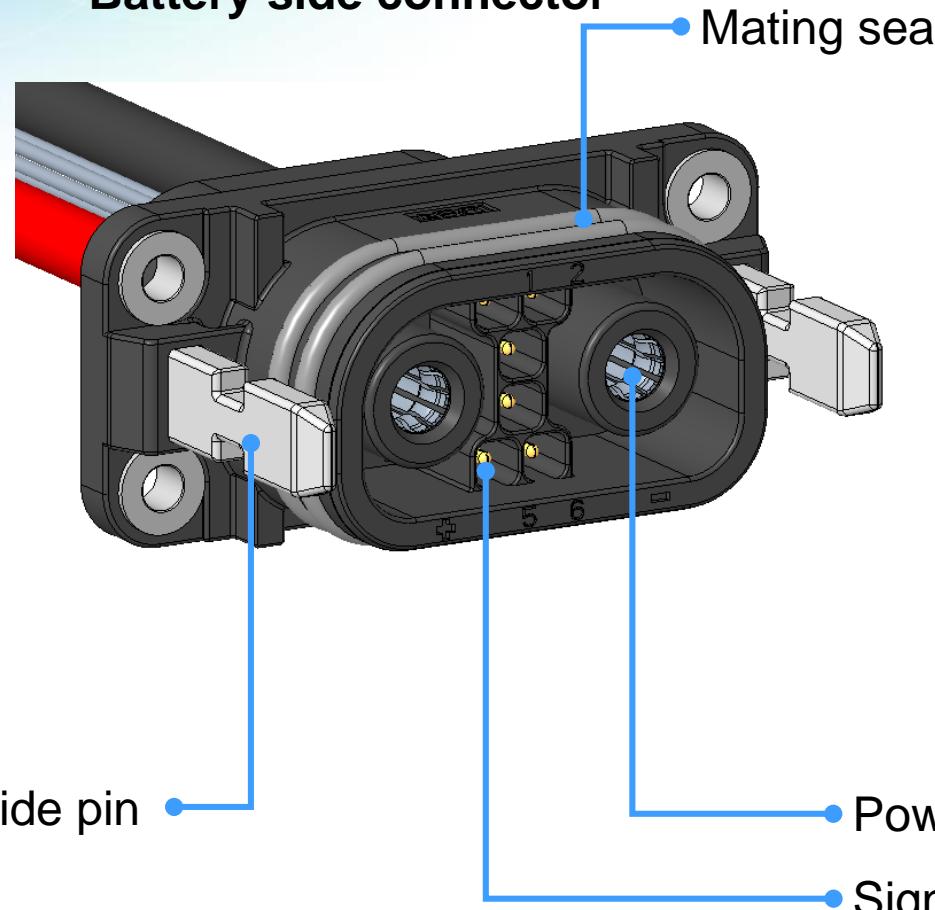


Plug will be fixed to vehicle body

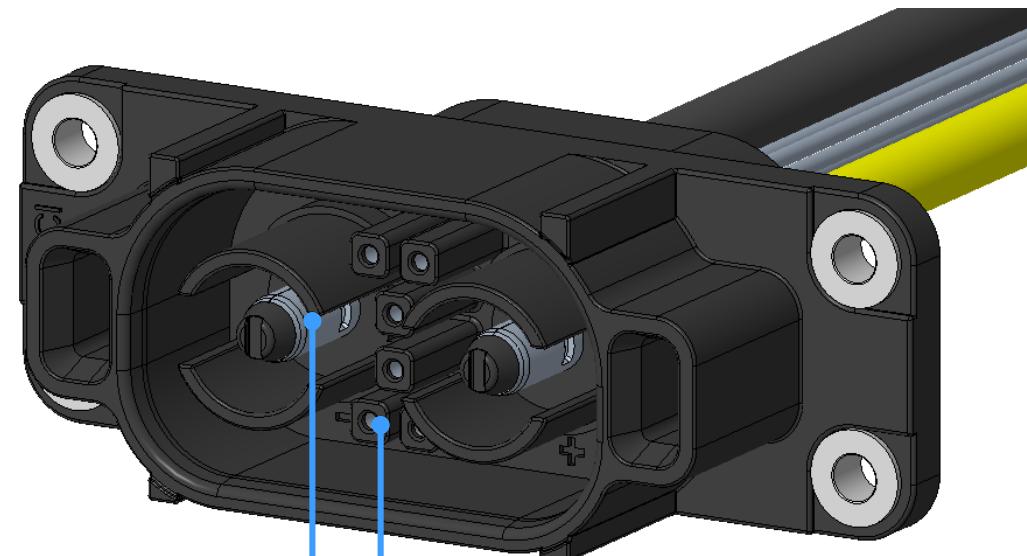
Socket will be fixed on battery

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Battery side connector



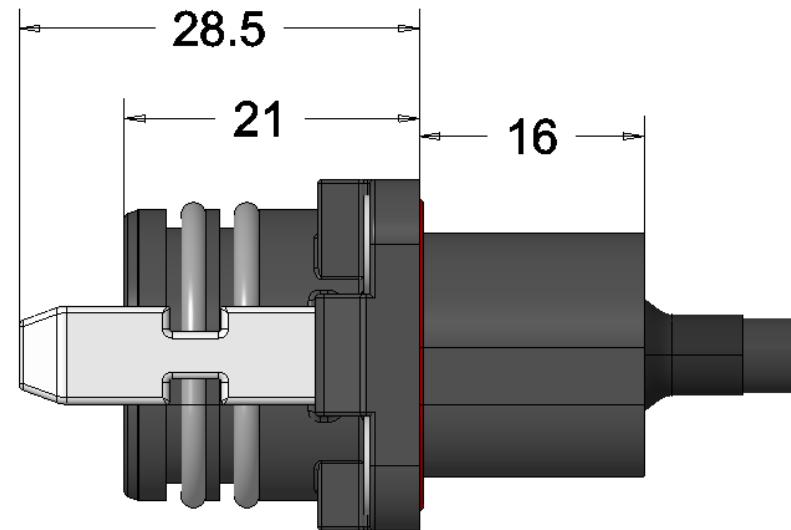
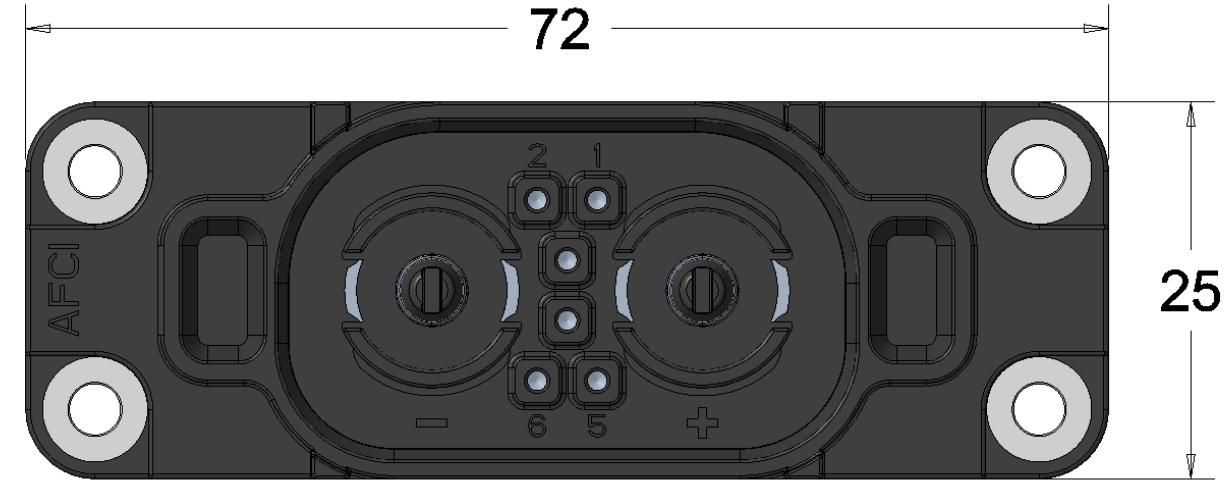
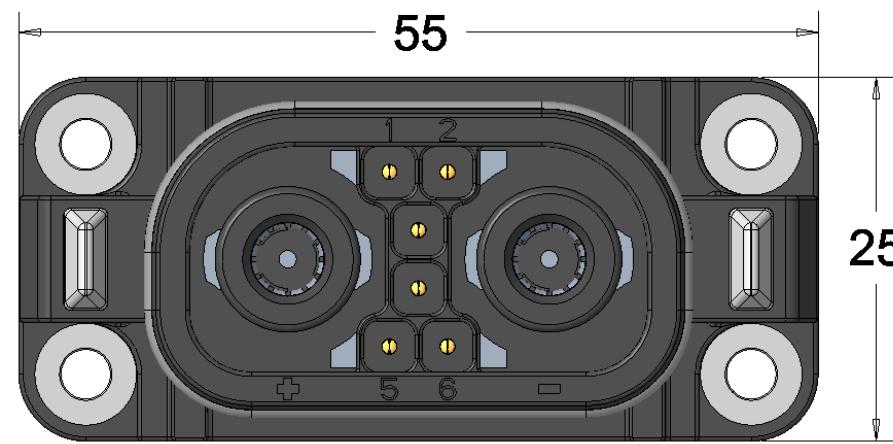
Vehicle side connector



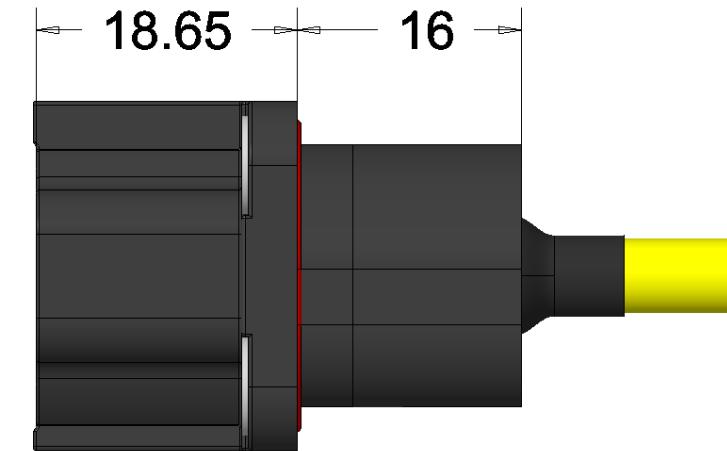
Specifications

- Current rating of 70Amps continuous
- 10,000 Mating cycles.
- IP67 rated.
- 2 power 4/6 signal connector

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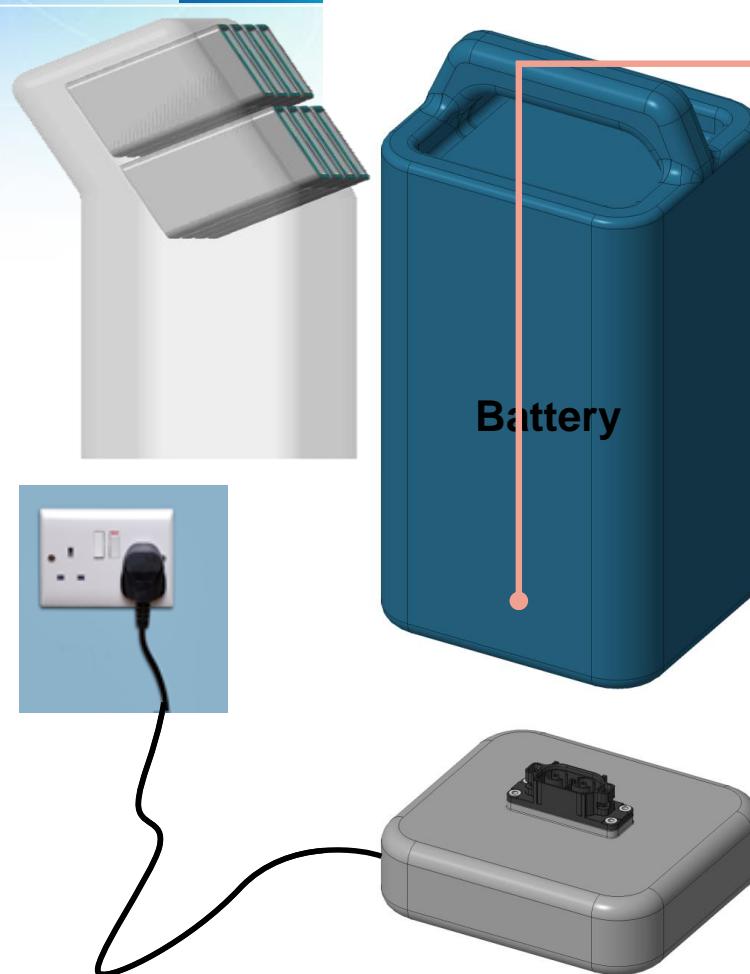


Battery side connector

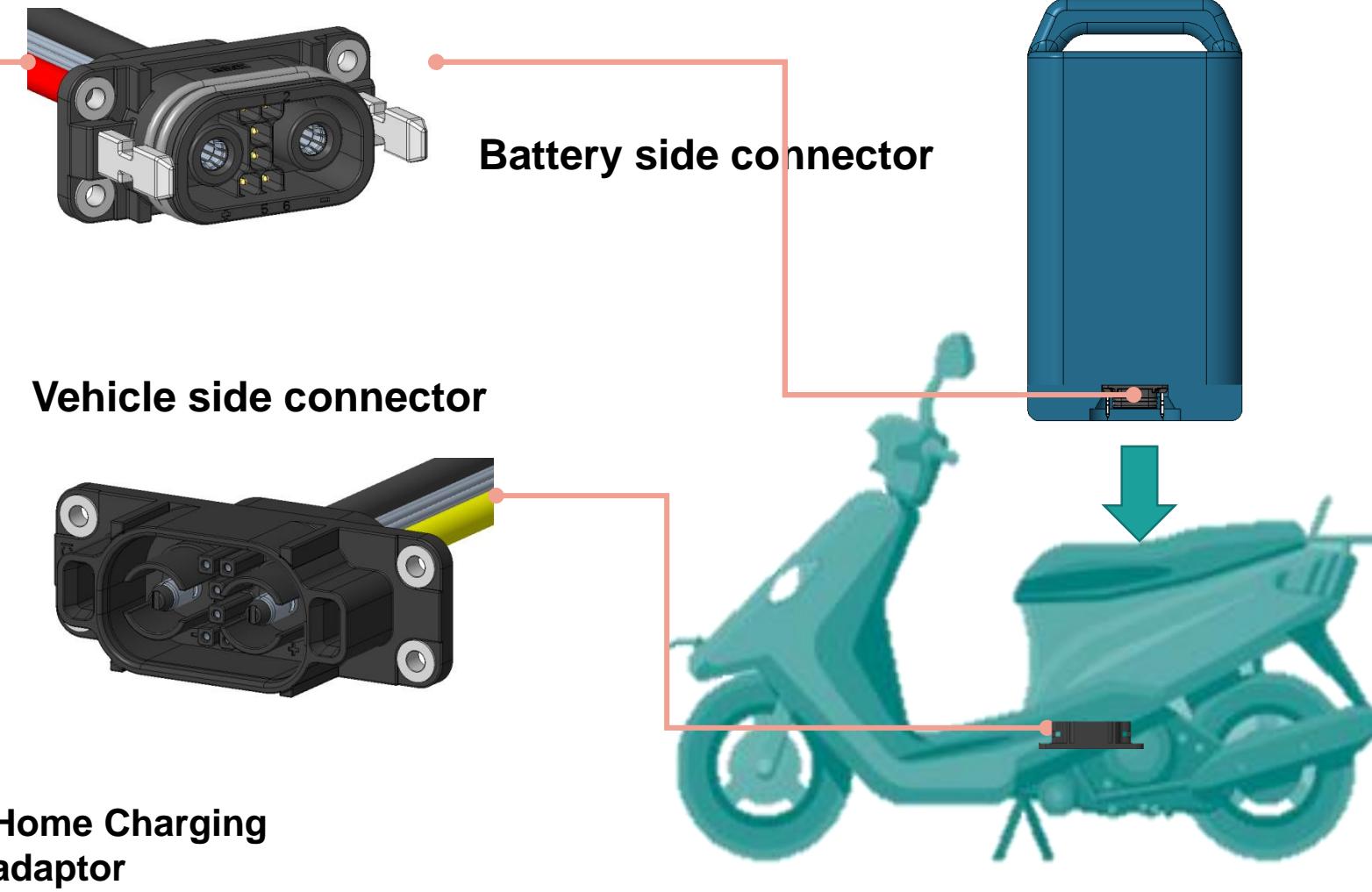


Vehicle side connector

DURASWAP Application



CHARGING APPLICATION –
Battery to Home charger



DISCHARGING APPLICATION-
Battery to vehicle

THANK YOU