

RAPID DC-DC EV CHARGER



INTEGRATED DCDC CHARGER



SLIMLINE CHARGER WITH EXTERNAL DCDC BOX

TPS are creating a smart network of ultra-rapid, bi-directional, DC-DC EV chargers, enabling direct to grid charging on the DC network. In order to enable DCDC EV charging, TPS have also developed innovative silicon carbide based smart grid tied inverters, which create an interconnected DC network to facilitate the uptake of EV ownership and to reduce pressure on the energy grid. The smart solution comes in 2 configurations:

- EV charger with integrated DCDC power converter.
- Standalone EV charger with external DCDC power converter.

END USER BENEFITS

Simple User Interface | Integrated Payment Gateway | Rapid Vehicle Charging | Vehicle-to-Grid Capability

		Number of DCDC Modules Required	OUTPUT VOLTAGE		Cooling Method	Connection Type
			400V	800V		
Integrated DCDC Charger	80kW*	1	x	-	Natural Air	CHAdeMO CCS
Slimline Charger with External DCDC Box	160kW	2	x	-	Closed loop water cooling	CHAdeMO CCS
	200kW**	3	x	-		
	160kW	2	-	x		
	320kW	4	-	x		
	400kW**	6	-	x		
<p>*Maximum power achievable with DCDC box integrated into charger **Limited to 500A cable rating</p>						