















# DATA SHEET



## ULTRA420

	<b>Output power</b>	Max. 420kW (2x 210kW)
	<b>Input voltage</b>	400V AC 3~, N, PE (+/-10%) / 50/60 Hz
	<b>Output voltage</b>	200V to 1000V DC
	<b>Input current</b>	720A AC
	<b>Output current</b>	Up to 600A
	<b>Efficiency</b>	>95%
	<b>Dimensions   Weight</b>	Maximum: H: 2100 W: 905 D: 745 mm approx. 800kg
	<b>Temperature range</b>	-25°C to +45°C (no power reduction)
	<b>Protection class   Impact resistance</b>	IP54   IK10
	<b>Cooling</b>	Air-cooled
	<b>Vehicle communication</b>	CCS, PLC according to DIN 70121 / ISO 15118 and CAN
	<b>External communication</b>	O-Chip, OCPP1.6J & OCPP 2.0.1 via satellite, optional LTE
	<b>Safety</b>	CP signal monitoring via hardware, monitoring of output voltage, current, temperatures and insulation, DIN EN 61851-23
	<b>Further properties</b>	Short-circuit and open-circuit proof, integrated load monitoring, service connection for laptop, Ethernet