

	500kW	600kW
<b>INPUT DATA</b>		
AC voltage	260 V AC 3Ph + N + PE	315 V AC 3Ph + N + PE
Max AC power	515 kVA	620 kVA
Max input current	1200 A	1200 A
Frequency	50/60 Hz	50/60 Hz
Galvanic isolation	Yes	Yes
<b>OUTPUT DATA</b>		
Output power (P <sub>nom</sub> )	500kW	600kW
Output voltage range (V <sub>nom</sub> )	400-850 V DC	480-850 V DC
Maximum current	1000 A	1000 A
Control structure	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology
Soft start	Yes	Yes
<b>PROTECTIONS</b>		
Over-voltage	Inputs and output	Inputs and output
Over-current	Inputs and output	Inputs and output
Reverse polarisation	Yes	Yes
Insulation leak detection system	Yes	Yes
Overheating	Yes (including power regulation)	Yes (including power regulation)
Max/min frequency	Yes	Yes
Max/min voltage	Yes	Yes
<b>GENERAL DATA</b>		
Connection to Electric Vehicle	<i>Pantograph</i>	<i>Pantograph</i>
Control structure	Control logic and DSP, SVM technology	Control logic and DSP, SVM technology
Soft start	Yes	Yes
Communications	Ethernet communications port (optional upon request)	Ethernet communications port (optional upon request)
Open Charge Point Protocol (OCPP)	Option	Option
Standards	CE MARKING, IEC 61851, DIN 70121, ISO 15118	CE MARKING, IEC 61851, DIN 70121, ISO 15118
Operating temperature	- 20 °C to + 50 °C @ nominal power	- 20 °C to + 50 °C @ nominal power
Relative humidity	10%-95% without condensation	10%-95% without condensation
Dimensions (h x w x d)	2000 x 2800 x 750	2000 x 2800 x 750
Colour	RAL 9002	RAL 9002
Weight	1850 kg	1850 kg
Ingress Protection (IP)	IP20	IP20
Mechanical Protection (IK)	IK10	IK10
Ventilation/air outlet flow	Forced / 5000m <sup>3</sup> /h	Forced / 5000m <sup>3</sup> /h
Consumption at full power	2000 VA	2000 VA
Consumption when decoupled (heating activated)	<350 W	<350 W
Consumption when disconnected (night)	<100 W	<100 W