

Type	EV-RAPTION 50kW TRIO
Code	TBC
Number of outlets	3 (locked into body when not in use)
AC input	
AC power supply	3P + N + PE
AC voltage	400Vac +/- 10%
Nominal input current	143A (software limit control)
Required power supply capacity	64kVA
Power factor	>0.96
Efficiency	95% at nominal output power
Frequency	50/60Hz
DC output	
Maximum output current	120A
Maximum output power	50kW
Output voltage range	150 - 550Vdc
AC output	
Maximum output current	63A
Maximum output power	43kW
Output voltage range	400Vac 3P + N + PE
Charge system	
DC charge 1	Mode 4 (IEC-61851-23/24) CCS Combo (DIN 70121)
DC charge 2	Mode 4 (IEC-61851-23/24) JEVS G105 (IEC-92196-3)
AC charge	Mode3 (IEC61851-1) Type 2 (IEC6296) socket
Electrical protections	
Overcurrent protections	MCB
Safety protection	RCD 30mA auto-recovery (class A)
Network connection	
Ethernet	10/100/BaseTX (TCP-IP)
General	
Compliance	CE/Combo2 (DIN 70121) EN61851-23 CHAdeMO rev.0.9 certified
Enclosure rating	IP54/IK10
Enclosure material	Stainless Steel
Operating temperature	-30 to +45°C (Heater system included)
Ambient temperature storage	-20 to +60°C
Operating humidity	30% to 90% RH non-condensing
RFID system	ISO/IEC14443A/B MIFARE Classic, MIFARE DESFire, MIFARE DEFireEV1, FeliCa® ISO 18092/ECMA-340 (NFC) 13.56Mhz
Display	8" TFT Anti-vandal touch screen

Power limit control	AC & DC by software
DC cable length	3 metres
AC cable length	3, 5 or 6 metre
Lights for status indication	RGB colour indicator
Interface protocol	OCPP/XML
Dimensions (D x W x H)	310mm x 900mm x 1700mm
Weight	215kg
Cooling system	Air cooling fans
Optional devices	
Wireless communication	3G/GPRS/GSM
Surge protection	Four pole transient surge protector (IEC 61643-11 Class II)
Safety protection	RCD type B
Low temp. kit	-30 to +45°C

