

Raption 150





General Specifications

Compliance	CE / Combo-2 (DIN 70121; ISO15118) IEC 61851-1; IEC 61851-23; IEC 61851-21-2 CHAdeMO compatible
Enclosure rating	IP54 / IK10
Enclosure material	Stainless steel
Operating temperature	-10 °C to + 50 °C
Ambient temperature storage	- 20 °C to + 60 °C
Operating humidity	5% to 95% Non-condensing
Dispenser	
Network connection	Ethernet 10/100BaseTX
Interface protocol	OCPP 1.5 or OCPP 1.6J
RFID system	ISO / IEC14443-1/2/3 MIFARE Classic
Display HMI	8" anti-vandal colour touchscreen
Power limit control	DC by software
DC cable length CCS	3.4 metres
DC cable length CHAdeMO	3.4 metres
Lights for status indication	RGB colours indicator
Dimensions (D x W x H)	378x420x2067mm
Weight	115 kg
Operational noise level	Not perceptible
AC Meter	Compliant with the EN 50470-1 and EN 50470-3 (MID European standards) or IEC 62052-11
Wireless Communication EU	4G LTE /WiFi Hotspot/GPRS/GSM

Power Unit	
AC power supply	3P + N + PE
AC Voltage	400V AC +/- 10%
Maximum AC input current	237A / 160A*
Required power supply capacity	163kVA / 110kVA*
Power Factor (pu)	>0.98
Efficiency (pu)	94% at nominal output power
Frequency (pu)	50 / 60 Hz
Cooling system	Forced air
Operational noise level	< 55 dBA
Electrical input protection	Main circuit disconnection
Overcurrent protection	MCB
Safety protection (pu)	RCD Type B
Dimensions (D x W x H)	800x1000x2100 mm
Weight	420 kg
Optional devices	
Wireless Communication	LATAM/APAC/4G LTE /GPRS/GSM
Surge protection	Four pole transient surge protector IEC 61643-1 (class II)
Cable Length	5.3 m (all cables)
Anti-vandal connector protection	CHAdeMO, CCS (mechanical connector locking)
RFID Extension	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
Low Temperature Kit	-30°C to +50°C
Contactless payment**	Integrated credit card payment terminal

*Raption 150 Lite Models
**Ask for availability.

Model Specifications





Raption 150 Models	CCS250 ⁽¹⁾	CCS200 CHA125	CCS250 CHA200	CCS250 CCS250 ⁽¹⁾
Maximum output power	CCS: 150 kW ⁽²⁾	CCS: 150 kW ⁽³⁾ CHA: 50 kW	CCS: 150 kW ⁽²⁾ CHA: 50 kW ⁽⁴⁾	CCS: 150 kW ⁽²⁾ CCS: 150 kW ⁽²⁾
Output voltage range	CCS: 100-920V	CCS: 100-920V CHA: 100-500V	CCS: 100-920V CHA: 100-500V	CCS: 100-920V CCS: 100-920V
Maximum output current	CCS: 250A	CCS: 200A CHA: 125A	CCS: 250A CHA: 200A	CCS: 250A CCS: 250A
Connection				

⁽¹⁾ Also available with cable of 200 A (max output power: 150 kW @920 V or 80 kW @400 V)

⁽²⁾ 150 kW @720-920V or 100 kW @400V

⁽³⁾ 150 kW @750-920V or 80 kW @400V

⁽⁴⁾ HW suitable for up to 100 kW following FW update

Raption 150 Lite Models	CCS250 ⁽¹⁾	CCS200 CHA125	CCS250 CHA200	CCS250 CCS250 ⁽¹⁾
Maximum output power	CCS: 100 kW ⁽²⁾	CCS: 100 kW ⁽²⁾ CHA: 50 kW	CCS: 100 kW CHA: 50 kW ⁽³⁾	CCS: 100 kW CCS: 100 kW
Output voltage range	CCS: 100-920V	CCS: 100-920V CHA: 100-500V	CCS: 100-920V CHA: 100-500V	CCS: 100-920V CCS: 100-920V
Maximum output current	CCS: 250A	CCS: 200A CHA: 125A	CCS: 250A CHA: 200A	CCS: 250A CCS: 250A
Connection				

⁽¹⁾ Also available with cable of 200 A (max output power: 100 kW @920 V or 80 kW @400 V) ⁽²⁾ 80 kW @400V ⁽³⁾ HW suitable for up to 100 kW following FW update