

# Raption Compact 160 & 240

## General Specifications

<b>AC power supply</b>	3P + N + PE
<b>AC Voltage</b>	400V AC +/- 10% 480 V AC +/-10%
<b>Power Factor</b>	>0.99
<b>Efficiency</b>	96% at nominal output power
<b>Frequency</b>	50 / 60 Hz
<b>Grid isolator</b>	Switch disconnector
<b>Electrical protection</b>	MCB curve C Isolation monitoring device
<b>Connections</b>	Ethernet 10/100 BaseTX
<b>Interface protocol</b>	OCPP 1.6J / 2.0 HW Ready
<b>Compliance</b>	CE / Combo-2 (DIN 7012; ISO15118) IEC 61851-1; IEC 61851-23; IEC 61851-21-2  CHAdEMO compatible
<b>Enclosure rating</b>	IP54 / IK10
<b>Structure material</b>	Stainless steel
<b>Operating temperature</b>	-30 °C to +50 °C
<b>Storage temperature</b>	-40 °C to +60 °C
<b>Operating humidity</b>	5% to 95% non-condensing
<b>RFID Reader</b>	ISO / IEC 14443-1/2/3 MIFARE Classic
<b>HMI screen</b>	15" anti-vandal colour touchscreen
<b>Power limit control</b>	By software

<b>Cable length</b>	4 metres (CCS) 3.5 metres (CHAdEMO)
<b>Light beacon</b>	RGB colour indicator
<b>Dimensions (D x W x H)</b>	630 x 1235 x 1910 mm
<b>Dimensions (D x W x H) (with cable management)</b>	630 x 1365 x 2050 mm
<b>Cooling system</b>	Air cooling fans
<b>Noise level</b>	<70 dB
<b>AC meter</b>	Compliant with EN 50470-1 and EN 50470-3 (MID European standards) or IEC 62052-11
<b>Wireless Communication EMEA</b>	Dual 4G LTE/WiFi Hotspot/ GPRS/GSM
<b>Optional devices</b>	
<b>Wireless Communication LATAM/APAC</b>	4G LTE/GPRS/GSM
<b>Surge protection</b>	Protection against permanent overvoltage IEC 61643-1 (class II)
<b>Cable length</b>	5.5 metres
<b>Anti-vandal connector protection</b>	CHAdEMO, CCS (mechanical connector locking)
<b>RFID extension</b>	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
<b>Contactless payment</b>	Built-in credit card payment terminal
<b>Cable management</b>	Assisted cable system
<b>Energy metering</b>	DC MID meter (LNE certification included)

## Models

Models	CCS CCS Raption Compact 160	CCS CHA Raption Compact 160	CCS CCS Raption Compact 240	CCS CHA Raption Compact 160
<b>Maximum AC input current</b>	276 A	276 A	415 A	415 A
<b>Required power supply capacity</b>	172 kVA	172 kVA	258 kVA	258 kVA
<b>Weight</b>	545 kg	545 kg	575 kg	575 kg
<b>Weight with cable management</b>	575 kg	575 kg	605 kg	605 kg
<b>Maximum output power</b>	CCS: 160 kW CCS: 160 kW	CCS: 160 kW CHA: 100 kW	CCS: 240 kW CCS: 240 kW	CCS: 240 kW CHA: 100 kW
<b>Voltage range</b>	CCS: 150-920 V CCS: 150-920 V	CCS: 150-920 V CHA: 150-500 V	CCS: 150-920 V CCS: 150-920 V	CCS: 150-920 V CHA: 150-500 V
<b>Maximum output current</b>	CCS: 500 A CCS: 500 A	CCS: 500 A CHA: 200 A	CCS: 500 A CCS: 500 A	CCS: 500 A CHA: 200 A
<b>Connection</b>				