

Raption 50




General Specifications




AC Power Supply	3P + N + PE
AC Voltage	400V AC +/- 10%
Power Factor	>0.98
Efficiency	95% at nominal output power
Frequency	50 / 60 Hz
Electrical input protection	Main breaker disconnection
Overcurrent protection	MCB
Safety protection	RCD Type B
Network connection	Ethernet 10/100BaseTX
Interface protocol	OCPP 1.5 or OCPP 1.6J
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	-30 °C to +50 °C
Ambient temperature storage	-40 °C to +60 °C
Operating humidity	5% to 95% Non-condensing
Socket protection	Locking System
RFID system	ISO / IEC14443-1/2/3 MIFARE Classic
Display HMI	8" anti-vandal colour touchscreen
Power limit control	DC & AC by software

DC cable length CCS	3 metres
DC cable length CHAdeMO	3 metres
AC cable length	3 metres
Lights for status indication	RGB colour indicator
Dimensions (D x W x H)	355x940x1800 mm (without cable engaged)
Weight	235 kg
Cooling system	Air cooling fans
Operational noise level	< 55 dBA
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
Optional devices	
Wireless Communication	LATAM/APAC/4G LTE/GPRS/GSM
Surge protection	Four pole transient surge protector IEC 61643-1 (class II)
Cable Length	5.5 m (all cables)
Anti-vandal connector protection	CHAdeMO, CCS (mechanical connector locking)
Type 2 charging socket	Shutter
25 kW DC version	Power output DC of 25 kW
Network hub	Switch TCP ethernet 8 ports Switch TCP ethernet 12 ports
RFID Extension	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
Contactless payment*	Integrated credit card payment terminal

* Ask for availability.

Model Specifications

Models	CCS	CCS T2C32	CCS T2S32
Maximum AC input current	76 A (38 A*)	108 A (70 A*)	108 A (70 A*)
Required power supply capacity	53 kVA (26 kVA*)	75 kVA (48 kVA*)	75 kVA (48 kVA*)
Maximum output power	50 kW (25 kW*) (@400 VDC)	DC: 50 kW (25 kW*) (@400 VDC) AC: 22 kW	DC: 50 kW (25 kW*) (@400 VDC) AC: 22 kW
Output voltage range	DC: 50 - 500 V	DC: 50 - 500 V AC: 400 V	DC: 50 - 500 V AC: 400 V
Maximum output current	DC: 125 A (63 A*)	DC: 125A (63 A*) AC: 32 A	DC: 125A (63 A*) AC: 32 A
Connection	CCS 2 	CCS 2 Type 2 Tethered cable 	CCS 2 Type 2 Socket (Lock system) 

Models	CCS CHA	CCS CHA T2S32	CCS CHA T2C32	CCS CHA T2C63
Maximum AC input current	76 A (38 A*)	108 A (70 A*)	108 A (70 A*)	138 A (101 A*)
Required power supply capacity	53 kVA (26 kVA*)	75 kVA (48 kVA*)	75 kVA (48 kVA*)	96 kVA (70 kVA*)
Maximum output power	50 kW (25 kW*) (@400 VDC)	DC: 50 kW (25 kW*) (@400 VDC) AC: 22 kW	DC: 50 kW (25 kW*) (@400 VDC) AC: 22 kW	DC: 50 kW (25 kW*) (@400 VDC) AC: 43 kW
Output voltage range	DC: 50 - 500 V	DC: 50 - 500 V AC: 400 V	DC: 50 - 500 V AC: 400 V	DC: 50 - 500 V AC: 400 V
Maximum output current	DC: 125 A (63 A*)	DC: 125 A (63 A*) AC: 32 A	DC: 125 A (63 A*) AC: 32 A	DC: 125 A (63 A*) AC: 63 A
Connection	CCS 2 - JEVS G105 	CCS 2 - JEVS G105 Type 2 Socket (Lock system) 	CCS 2 - JEVS G105 Type 2 Tethered cable 	CCS 2 - JEVS G105 Type 2 Tethered cable 