





Fast charging solutions for all types of urban and inter-urban environments. Ideal for reduced spaces.

With increasingly efficient vehicles, and with the emergence of new mobility scenarios, at Ingeteam, we have reimagined fast charging. Ingeteam presents the new range of RAPID 60 kW chargers, capable of charging a single vehicle at 60 kW or two vehicles simultaneously at 30 kW. El **new RAPID 60** is a solid and robust charger, designed to resist the most demanding conditions thanks to its construction in galvanized steel and stainless steel. The result is a compact, silent, light and elegant unit, featuring a modern design with clean lines.

The lack of rear ventilation slots means it can be installed against the wall, or with back to back with another RAPID 60. The main design premise was to achieve a silent unit, so that it could be installed in enclosed or urban spaces. It also has a cable management system (CMS) to make it easier to use. This unit is technologically ahead of its time, featuring credit card readers, parking sensors and Plug & Charge technology, not forgetting the dynamic load management between the unit's outputs, between multiple DC and AC units, as well as dynamic balancing with the installation's remaining loads.

	RAPID 60				
	One	One+	Duo	Trio	
Connectors	1	2	2	3	
Simultaneous charging	\checkmark	1	\checkmark	\checkmark	
Connector type	CCS	CCS + AC T2S	CCS + CCS CCS + CHAdeMO	CCS + CCS + AC T2S CCS + CHAdeMO + AC T2S	

RAPID 60

RAPID 60 IN DATA

Functions

- Highly resistant enclosure, either galvanized steel or stainless steel.
- No ventilation slots on the back, can be installed against the wall or two units back to back.
- Can be positioned with a crane and pallet truck.
- Cable management system (CMS).
- Simultaneous AC and DC charging:
- DC: DC charging at 60 kW. Dual charging at 30 kW.
- · AC: 22 kW.
- Integrated DC wattmeters.
- AC MID wattmeter.

HMI

- RGB status LEDs on supports and 360° ring.
- RFID reader.
- 10.1" color touchscreen, multilanguage.

Communications and software

- Dual Ethernet port with Switch mode.
- RS485.

- OCPP, Autocharge, Plug & Charge.
- DLM, static and dynamic power management with other Ingeteam DC and AC units.
- Web Manager.
- Modbus TCP, MQTT.
- Automatic software updates.
- Update via USB.

Safety

- Built-in electrical protections.
- Security lock with key.
- Door-opening sensor.

Options

- GPRS 2G/3G/4G communication.
- Ethernet switch kit for 8 ports.
- Contactless bank card reader.
- Emergency button.
- Connector locking system.
- Parked vehicle detector.
- Self-resetting differentials.
- Smart DLM.
- Cloud Manager.

CONNECTORS



CCS1 150 CCS Type 1 150 A

CCS2 150 CCS Type 2 150 A

Cha125 ChadeMO 125 A

NACS





1,950 mm





	RAPID 60 One	RAPID 60 One+	RAPID 60 Duo	RAPID 60 Trio		
AC INPUT		3 phases -	+ N + PE			
Voltage	380/400 Vac ±15%					
Frequency		50/60 H	z ±5%			
Rated current	96 A	128 A (96 A + 32 A)	96 A	128 A (96 A + 32 A)		
Rated power	60 kW	82 kW (60 kW + 22 kW)	60 kW	82 kW (60 kW + 22 kW		
DC OUTPUT						
/oltage range		150 - 1	000 V			
Vaximum current	150 A	150 A 150 A 200 A (100 A + 100 A)				
Maximum power	60 kW	60 kW 60 kW 60 kW (30 kW + 30 kW)				
Charging connectors	CCS	CCS	CCS + CCS CCS + CHAdeMO	CCS + CCS CCS + CHAdeMO		
AC OUTPUT (OPTIONAL)						
/oltage	-	230/400 Vac ±15%	-	230/400 Vac ±15%		
Maximum current	-	32 A	-	32 A		
Maximum power	-	22 kW	-	22 kW		
Charging connectors	-	Type 2 socket with shutters	-	Type 2 socket with shutters		
REGULATIONS AND SAFETY						
Standards		EC 61851-1, IEC 61851-21-2, EC 62196-2, IEC 62196-3, IEC				
Overcurrent		Curve C circuit breake				
		30 mA differential protections ⁽²⁾ 30 mA differential protections ⁽²⁾ 30 mA type B (AC) differential protection				
ndirect contacts ⁽¹⁾		30 mA differential protections	(2)	30 mA type B (AC)		
ndirect contacts ⁽¹⁾ Dvervoltages		30 mA differential protections ection against permanent and t and ou	transient overvoltages, b	30 mA type B (AC) differential protection		
Dvervoltages	Type 2 prote	ection against permanent and t	transient overvoltages, b	30 mA type B (AC) differential protection		
Overvoltages	Type 2 prote	ection against permanent and t	transient overvoltages, b Itputs	30 mA type B (AC) differential protection both on DC inputs		
Overvoltages FUNCTIONALITIES AND ACCE Communication interfaces	Type 2 prote	ection against permanent and t and ou	transient overvoltages, b itputs 2G/3G/4G (optional), du	30 mA type B (AC) differential protection both on DC inputs al SIM (optional)		
	Type 2 prote SSORIES Ethernet (S	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status	transient overvoltages, b itputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQ1 een, multi-language &4K, Mifare DesFire EV1 RGB LEDs	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional)		
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Overvoltages CUNCTIONALITIES AND ACCES Communication interfaces Communication protocols HMI Plug & Charge (ISO15118) GENERAL INFORMATION Stand-by consumption Efficiency and power factor	Type 2 prote SSORIES Ethernet (S	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus F 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye	transient overvoltages, b itputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language &4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional)		
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Overvoltages UNCTIONALITIES AND ACCES communication interfaces communication protocols IMI Plug & Charge (ISO15118) ENERAL INFORMATION tand-by consumption fficiency and power factor inergy measurement lose length	Type 2 prote SSORIES Ethernet (S R 5 m (4.4	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus F 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye < 70 > 95% at rated DC meter 4 m usable length) with cable r	transient overvoltages, b itputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language &4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s) W power; > 0.98 management system (Cl	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) FT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included		
Vervoltages UNCTIONALITIES AND ACCES ommunication interfaces ommunication protocols IMI lug & Charge (ISO15118) iENERAL INFORMATION tand-by consumption fficiency and power factor nergy measurement lose length uperating temperature	Type 2 prote SSORIES Ethernet (S R 5 m (4.4	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye < 70 > 95% at rated DC meter	transient overvoltages, b itputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language &4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s) W power; > 0.98 management system (Cl ow temperature kit at -3	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) FT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included		
Overvoltages UNCTIONALITIES AND ACCES communication interfaces communication protocols IMI Plug & Charge (ISO15118) ENERAL INFORMATION tand-by consumption fficiency and power factor inergy measurement lose length Operating temperature Humidity	Type 2 prote SSORIES Ethernet (S R 5 m (4.4	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K& 360° status Contactless bank can Ye <70 > 95% at rated DC meter 4 m usable length) with cable r 55 °C (derating from 40 °C) I L < 95	transient overvoltages, b itputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language &4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s) W power; > 0.98 management system (Cl ow temperature kit at -3 5%	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) FT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included		
Avervoltages UNCTIONALITIES AND ACCES communication interfaces communication protocols IMI Plug & Charge (ISO15118) ENERAL INFORMATION tand-by consumption fficiency and power factor nergy measurement Hose length Operating temperature Humidity Maximum altitude	Type 2 prote SSORIES Ethernet (S R 5 m (4.4	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye <70 > 95% at rated DC meter 4 m usable length) with cable r 55 °C (derating from 40 °C) L	transient overvoltages, b itputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language &4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s) W power; > 0.98 management system (Cl ow temperature kit at -3 5%	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) FT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included		
Overvoltages CUNCTIONALITIES AND ACCES Communication interfaces Communication protocols AMI Plug & Charge (ISO15118) ENERAL INFORMATION Cand-by consumption Cand-by consumption Cand-by consumption Cand-by consumption Cand-by consumption Cand-by consumption Cand-by consumption Cand-by consumption Cand-by consumption Cand-by consumption Candbe consum	Type 2 prote SSORIES Ethernet (S R S m (4.4 -25 °C to	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank car Ye < 700	transient overvoltages, b titputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language 	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) TT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included 35 °C (optional)		
Overvoltages CUNCTIONALITIES AND ACCES Communication interfaces Communication protocols AMI Plug & Charge (ISO15118) SENERAL INFORMATION Stand-by consumption Efficiency and power factor Energy measurement Aose length Operating temperature Humidity Aaximum altitude Veight Dimensions (h x w x d)	Type 2 prote SSORIES Ethernet (S R S m (4.4 -25 °C to	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank car Ye < 700	transient overvoltages, b titputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language &4K, Mifare DesFire EV1 RGB LEDs 	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) TT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included 35 °C (optional) 165 kg		
Overvoltages	Type 2 prote SSORIES Ethernet (S R S m (4.4 -25 °C to	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye < 700	transient overvoltages, b titputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQ1 een, multi-language k4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s) W power; > 0.98 	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) TT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included 35 °C (optional) 165 kg		
Overvoltages	Type 2 prote SSORIES Ethernet (S R S m (4.4 -25 °C to	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye FID reader (Mifare Classic 1K8 360° status Contactless bank can YeSofor statusOC naterVeDC meter4 m usable length) with cable r 55 °C (derating from 40 °C) L < 95 2,000 m (for higher altitu 145 kg 1950 x 760 Galvanized steel (stainless status)	transient overvoltages, b titputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQ1 een, multi-language &4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s 0 W power; > 0.98 management system (CI ow temperature kit at -3 5% udes, consult Ingeteam) 160 kg x 335 mm steel optional) I RAL 900 L0 / C5H	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) TT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included 35 °C (optional) 165 kg		
Dvervoltages	Type 2 prote SSORIES Ethernet (S R S m (4.4 -25 °C to	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye Contactless bank can Ye 2000 contactless bank can Ye 2,000 m (for higher altitu 145 kg 1950 x 760 Galvanized steel (stainless 1P54 / IK1	transient overvoltages, b titputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language &4K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s 0 W power; > 0.98 management system (CI ow temperature kit at -3 5% udes, consult Ingeteam) 160 kg x 335 mm steel optional) I RAL 900 LO / C5H entilation	30 mA type B (AC) differential protection ooth on DC inputs al SIM (optional) TT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included 35 °C (optional) 165 kg		
Overvoltages FUNCTIONALITIES AND ACCE Communication interfaces Communication protocols	Type 2 prote SSORIES Ethernet (S R S m (4.4 -25 °C to	ection against permanent and t and ou witch mode), RS485, GPRS - 2 OCPP 1.6, 2.0.1, Modbus f 10.1" color touchscre FID reader (Mifare Classic 1K8 360° status Contactless bank can Ye < 70 > 95% at rated DC meter 4 m usable length) with cable r 55 °C (derating from 40 °C) I L < 95 2,000 m (for higher altitu 145 kg 1950 x 760 Galvanized steel (stainless IP54 / IK1 Side air ve	transient overvoltages, b titputs 2G/3G/4G (optional), du RTU, Modbus TCP, MQT een, multi-language 44K, Mifare DesFire EV1 RGB LEDs rd reader (optional) s 0 W power; > 0.98 management system (CI ow temperature kit at -3 5% udes, consult Ingeteam) 160 kg x 335 mm steel optional) I RAL 900 L0 / C5H entilation dB	30 mA type B (AC) differential protection both on DC inputs al SIM (optional) TT ., NFC) AC (MID) and DC meter ⁽³⁾ MS) included 15 °C (optional) 165 kg		

Notes

⁽¹⁾ Manual or resettable protection depending on the model.
⁽²⁾ Protection type A or type B depending on the model.
⁽³⁾ MID French market certification and Eichrecht certification in development.