

# RAPID 60E/180

## Changing the **answer** is EVOLUTION Changing the **question** is REVOLUTION

Ingeteam is proud to present its range of **RAPID 60 kW, 90 kW, 120 kW, 150 kW and 180 kW ultra-rapid chargers**, created to supply the power to even the most demanding vehicles. The RAPID charging stations have been designed to comply with the highest quality standards, **small footprint** and to offer the best performance in terms of power management, communications, reliability and efficiency.

These **all-in-one** chargers are compatible with the CCS and CHAdeMO standards, with the option of one or two cables in DC charging mode, allowing the simultaneous charging of up to two vehicles. Likewise, power management is available either between the different charger outputs or between various chargers installed at the same location.

	RAPID 60E/90/120/150/180	
	One	Duo
Connectors	1	2
Simultaneous charging	-	✓
Connector types	CCS	CCS + CCS CCS + CHAdeMO

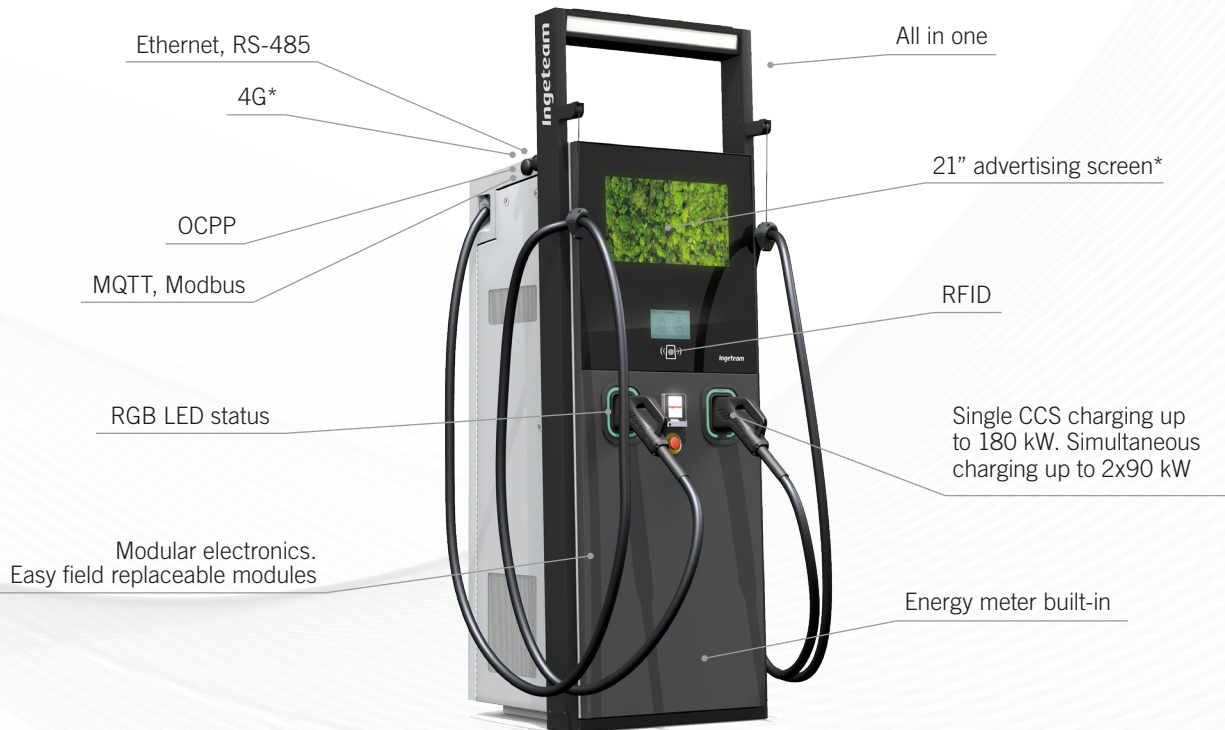


\*Optional



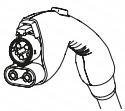
reddot winner 2022  
urban design

## DUO



\*Optional

### CONNECTOR TYPES



**CCS1 200**  
CCS Type 1 200 A



**CHA200**  
CHAdeMO 200 A

### ADDITIONAL FEATURES:

- Ethernet switch (minimizes the cost of Ethernet cabling).
- Automatic software updates throughout the product lifetime.
- Connector locking system for CHAdeMO.
- ADA Compliant.

### OPTIONS

- Smart DLM 2.0. (Advance Power Management, Fleet, Driver groups).

# RAPID 60E/180

Changing the **answer** is EVOLUTION  
 Changing the **question** is REVOLUTION

	RAPID 60E	RAPID 90
<b>AC input</b>		
Voltage	L1 + L2 + L3 + PE 480 Vac ± 15%	
Frequency	50 / 60 Hz ± 5%	
Maximum AC current	76 A	115 A
<b>DC output</b>		
Voltage	150 .. 1000 V	
Simultaneous nominal DC current	100 A + 100 A	200 A + 100 A
Boost DC current	200 A	300 A
Maximum power	60 kW (30 kW + 30 kW)	90 kW (60 kW + 30 kW)
Output connectors	One: CCS I Duo: CCS + CCS I Duo CHA: CCS + CHAdeMO (200 A)	
<b>Compliance and safety</b>		
Standards	UL 2202	
Overcurrent	Programmable MCB	
Indirect contact	RCD Type A + DC leak sensor	
Overvoltage	Type II protection against permanent and transient overvoltage	
<b>Functions Accesories</b>		
Communication	Ethernet 4G (optional)	
Communication protocols	OCPP, ISO 15118	
Advertising screen	21" Full HD (optional)	
HMI	7" TFT multi-language color touchscreen	
Authentication	RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC)	
<b>General information</b>		
Stand-by consumption	< 40 W	< 50 W
Retractable hose system	Included	
Cable length	20 ft	
Energy metering	Built-in	
Operating temperature	-30 °F to 140 °F (optional kit for lower/higher temperatures)	
Humidity	< 95 %	
Weight	750 lb	795 lb
Dimensions (height x width x depth)	89 1/2" x 30 1/2" x 28 3/4"	
Enclosure	Stainless steel 430 and aluminum	
Maximum altitude	6500 ft	
Protection rating	NEMA 3R / IK10 (display IK08) / C5H	
Directives	FCC Part 15 Class A, NEC 625	

RAPID 120	RAPID 150	RAPID 180
L1 + L2 + L3 + PE		
480 Vac ± 15%		
50 / 60 Hz ± 5%		
155 A	190 A	230 A
150 .. 1000 V		
200 A + 200 A	200 A + 200 A	200 A + 200 A
400 A	500 A	500 A
120 kW (60 kW + 60 kW)	150 kW (90 kW + 60 kW)	180 kW (90 kW + 90 kW)
One: CCS I Duo: CCS + CCS I Duo CHA: CCS + CHAdeMO (200 A)		
UL 2202		
Programmable MCB		
RCD Type A + DC leak sensor		
Type II protection against permanent and transient overvoltage		
Ethernet		
4G (optional)		
OCPP, ISO 15118		
21" Full HD (optional)		
7" TFT multi-language color touchscreen		
RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC)		
< 60 W	< 70 W	< 80 W
Included		
20 ft		
Built-in		
-30 °F to 140 °F (optional kit for lower/higher temperatures)		
< 95 %		
840 lb	885 lb	930 lb
89 1/2" x 30 1/2" x 28 3/4"		
Stainless steel 430 and aluminum		
6500 ft		
NEMA 3R / IK10 (display IK08) / C5H		
FCC Part 15 Class A, NEC 625		