

INNOVATION at our customers' service

INGETEAM is a team of more than **5,000 people** in **21 countries**, with more than 80 years of experience in providing creative solutions to specific problems to **electrify society** in an **innovative** and **sustainable** way through cutting-edge technology specialised in the conversion of electrical energy.

We want to consolidate our position as leaders in **renewable generation** (wind, photovoltaic and hydroelectric), **storage**, in the **intelligent transport network** and in the **efficient and clean consumption** of electrical energy through our **electric vehicle chargers**, **converters**, **generators and motors** for traction, marine, iron and steel industry, mining, for the production of green hydrogen and **submersible motors and pumps** for water.

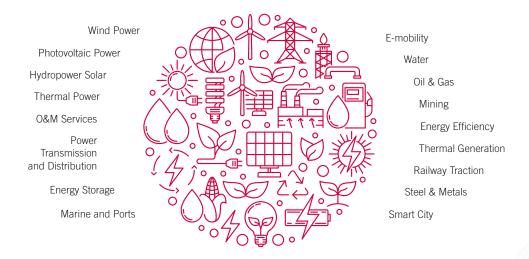
We have supplied **25 GW** of solar photovoltaic power with our solar inverters, over **54 GW** to the wind industry with converters and Indar generators. We have more than **10.5 GW** of total installed power in the hydropower sector with Indar generators, more than **12,000** Indar submersible pumps and motors worldwide and more than **6,000** electrical substations are automated with our equipment. In addition to **1.6 GWh** accumulated in electrical storage facilities and being world leaders in the provision of operation and maintenance services in renewable energy plants, with more than **18 GW** of power maintained.



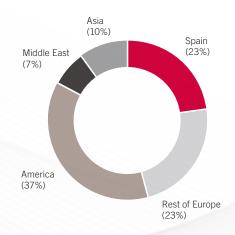
In terms of efficient consumption, it is worth highlighting the more than **35,000 charging ports for electric vehicles**, the supply of our equipment for **700 electric trains**, or for the **more than 600 ships** that are equipped with our technology, enabling an evolution towards hybrid and full electric naval propulsion systems.

We have been present in the **E-Mobility** sector since 2011, thanks to the development and supply to our customers of AC and DC charging stations, with the **FUSION**, **RAPID 60E/180** and **RAPID ST 200/400 models**.

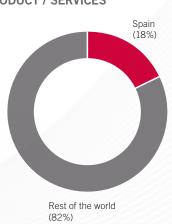
SECTORS



GLOBAL SALES



FINAL DESTINATION PRODUCT / SERVICES



CHARGING STATION MODELS







RAPID 60E/180



RAPID ST 200/400

FUSION

The CHARGING STATION for public and private installations

The **FUSION**, an AC Level 2 EV charging station, is available in two models, **FUSION Street** for ground mounting and **FUSION Wall** for wall mounting.

This dual equipment range has been designed to cover all electric vehicle charging demands in public and private settings alike.

Its standard features include Ethernet and WiFi communications, as well as the latest generation advanced functions such as Dynamic Load Management 2.0 (DLM 2.0) and OCPP protocols.



*Optional

STREET





FUSION

The CHARGING STATION for public and private installations

	FUSION Wall	FUSION Street	
AC inputs and outputs	Single phase (FW1)	Single phase (FS1)	
Voltage supply		2 + PE	
5		40 Vac ± 15%	
Rated power		kW + 9.6 kW)	
Frequency) Hz	
Rated current		A + 40 A)	
Output connectors		J1772	
Charging mode	Mo	de 3	
Compliance and safety			
Standards	UL 2594*		
Safety	CCID-5, CLG		
Functionalities and accessories			
Communications	Ethernet switch, Wi-Fi		
Communications	4G (O	ptional)	
Communication protocols	00	CPP	
HMI	4.3" TFT multi-lar	nguage color screen	
Authentication	RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC)		
General information			
Stand-by consumption	< 10 W		
Energy metering	Built-in		
Operating temperature	-15 °F to 125 °F		
Humidity	< 95%		
Maximum altitude	6500 ft		
Weight	53 lb 73 lb		
Dimensions (height x width x depth)	31 1/2" x 12 19/32" x 8 15/32" 55 1/8" x 12 19/32" x 8 15/32"		
Enclosure	Galvanized steel. RAL 9003		
Protection rating	NEMA 3R		
Directives	Energy Star*, FCC Part 15 Class B, NEC 625		
	3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		

^{*}Pending.



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

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	
AC input			
Voltage	L1 + L2 +		
	480 Vac		
Frequency Maximum AC current	50 / 60 F 76 A	115 A	
	/6 A	113 A	
DC output			
Voltage	150		
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 Duo: CCS + CCS Duo	CHA: CCS + CHAdeMO (200 A)	
Compliance and safety			
Standards	UL 2	202	
Overcurrent	Programmable MCB		
Indirect contact	RCD Type A + DC leak sensor		
Overvoltage	Type II protection against permanent and transient overvoltage		
Functions Accesories			
	Ethernet Control of the Control of t		
Communication	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)		
General information			
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 D	uo: CCS + CCS Duo CHA: CCS + CHAdeMO (200 A)
	UL 2202	
	Programmable MCB	
	RCD Type A + DC leak sensor	
Type II prot	tection against permanent and transient overvo	Itage
	Ethernet	
	4G (optional)	
	OCPP, ISO 15118	
	21" Full HD (optional)	
	7" TFT multi-language color touchscreen	
RFID (MI	FARE Classic 1K&4K, MIFARE DesFire EV1, N	FC)
< 60 W	< 70 W	< 80 W
	Included	
	20 ft	
	Built-in	
-30 °F to	140 °F (optional kit for lower/higher temperatu	res)
	< 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	

RAPID ST 200/400

The ULTRA-RAPID

CHARGING STATION



The Ingeteam ultra-rapid charging station solutions **up to 200kW and up to 400kW** are based on an innovative DC distribution architecture, for maximum simplicity of the installation as well as the easy integration of storage and PV energy.

It offers all the advantages of the latest generation SiC electronics, while combining an extremely compact size, high efficiency and reliability.

RAPID ST200 and ST400 are the ideal ultra-rapid charging points for service stations with a high turnover. Compatible with the CHAdeMO and CCS standards, they are the perfect solution for charging all types of EVs.

	ST200 ONE	ST400 ONE	ST200 DU0	ST400 DU0
Connectors	1	1	2	2
Simultaneous charging				✓

COMMUNICATIONS

- Modbus TCP.
- OCPP.

SAFETY

- High visibility emergency button to guarantee safety of use.
- Automatic software updates (OCPP, ISO15118, etc.) for the entire product life.

OPTIONS

- 21" advertising screen.
- Contactless credit card reader.
- Complete turnkey solution (satellites, central inverter and sub-station)
- Remote communication via Ethernet and 4G.

CONNECTOR TYPES



CCS1 500 CCS Type 1 500 A



CHA200 CHAdeMO 200 A

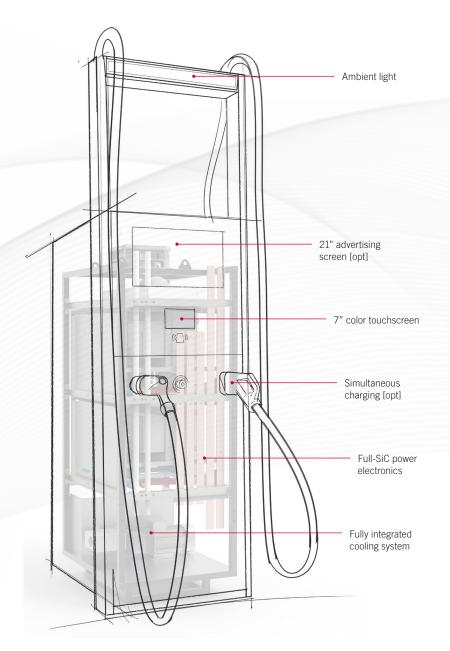


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RAPID ST 200/400

Central inverter AND SATELLITES RAPID ST

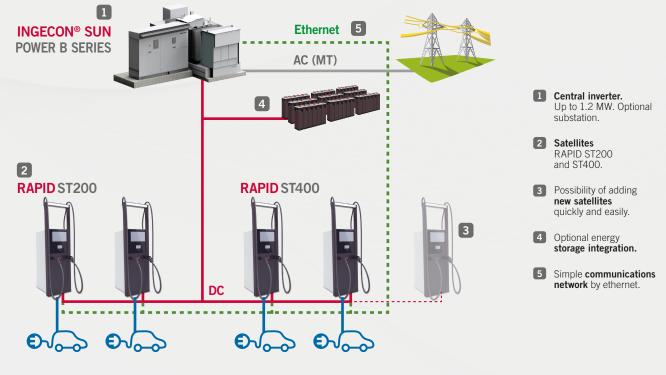
KEY FEATURES





- Distance of up to 120 metres between the central inverter and the satellites, free and unobstructed charging area.
- Half the installation footprint of other architectures.
- Integrated cooling in all elements, for maximum installation simplicity.
- Scalability, the system can be easily extended by connecting new satellites to the DC bus.
- Flexible power balancing (DLM) between all the satellites.
- All the satellites can always charge simultaneously with no need to sacrifice power modules in order to divert the energy to another satellite with a higher demand.
- The ST200 satellites can be upgraded to ST400 by simply adding a new power module.





RAPID ST 200/400

Central inverter AND SATELLITES RAPID ST

Rated input current 200 A				
Rated input current 200 A		RAPID ST200	RAPID ST400	
DC output Solution Solution	DC input			
Voltage	Rated input current	200 A	400 A	
Voltage				
Auximum current 250 A (up to 500 Vdc) 500 A (up to 500 Vdc) 200 A (up to 1000 Vdc) 400	· · · · · · · · · · · · · · · · · · ·			
Maximum current 200 A (up to 1000 Vdc) 400 A (up to 1000 Vdc) Maximum power 200 kW 400 kW Output connectors One: CCS I Duo: CCS + CCS I Duo CHA: CCS + CHAdeMO Auxiliary AC input L1 + L2 + L3 + N Voltage 400 Vac ± 15% Compliance and safety CE Indirect contact Insulation monitoring Overvoltage Type II surge arresters Functions Accesories Communication Communication protocols CPP, ISO 15118 Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic IX&4K, MIFARE DesFire EV1, NFC) General information Cooling system Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity <95 %	Voltage			
200 A (up to 1000 Vdc)	Maximum current		·	
Output connectors One: CCS Duo: CCS + CCS Duo CHA: CCS + CHAdeMO Auxiliary AC input L1 + L2 + L3 + N Voltage L1 + L2 + L3 + N 400 Vac ± 15% Compliance and safety Standards CE Indirect contact Insulation monitoring Overvoltage Type II surge arresters Functions Accesories Communication Communication Ethernet, 4G (optional) Communication protocols OCPP, ISO 15118 Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3 R / IK10 (display IK08) / C5H				
Auxiliary AC input Voltage L1 + L2 + L3 + N 400 Vac ± 15% Compliance and safety Standards CE Indirect contact Insulation monitoring Overvoltage Type II surge arresters Functions Accesories Communication Ethernet, 4G (optional) Communication protocols OCPP, ISO 15118 Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length Operating temperature -5 "F to 140 "F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) Maximum altitude Frotection rating NEMA 3R / IK10 (display IK08) / C5H				
Compliance and safety L1 + L2 + L3 + N 400 Vac ± 15% Compliance and safety CE Standards CE Indirect contact Insulation monitoring Overvoltage Type II surge arresters Functions Accesories Ethernet, 4G (optional) Communication protocols OCPP, ISO 15118 Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Integrated liquid cooling Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H	Output connectors	One: CCS Duo: CCS + CCS	Duo CHA: CCS + CHAdeMO	
Compliance and safety L1 + L2 + L3 + N 400 Vac ± 15% Compliance and safety CE Standards CE Indirect contact Insulation monitoring Overvoltage Type II surge arresters Functions Accesories Ethernet, 4G (optional) Communication protocols OCPP, ISO 15118 Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Integrated liquid cooling Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H	Auxiliary AC input			
Compliance and safety Standards CE Indirect contact Overvoltage Type II surge arresters Functions Accesories Communication Communication protocols Advertising screen HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5°F to 140°F Humidity <95 % Weight 950 lb 1170 lb Dimensions (H x W x D) Maximum altitude Protection rating NEMA 3R / IK10 (display IK08) / C5H		L1 + L2	L1 + L2 + L3 + N	
Standards CE Indirect contact Insulation monitoring Overvoltage Type II surge arresters Functions Accesories Communication Ethernet, 4G (optional) Communication protocols Advertising screen Advertising screen HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity <95 % Weight 950 Ib 1170 Ib Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude Protection rating NEMA 3R / IK10 (display IK08) / C5H	Voltage	400 Vac	± 15%	
Standards CE Indirect contact Insulation monitoring Overvoltage Type II surge arresters Functions Accesories Communication Ethernet, 4G (optional) Communication protocols Advertising screen Advertising screen HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity <95 % Weight 950 Ib 1170 Ib Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude Protection rating NEMA 3R / IK10 (display IK08) / C5H				
Indirect contact Overvoltage Type II surge arresters Functions Accesories Communication Ethernet, 4G (optional) Communication protocols OCPP, ISO 15118 Advertising screen Advertising screen HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32* x 30 1/2" x 36 13/16* Maximum altitude Protection rating NEMA 3R / IK10 (display IK08) / C5H	Compliance and safety			
Overvoltage Functions Accesories Communication Communication protocols Advertising screen Authentication Colling system Cooling system Cable length Operating temperature Humidity Weight Dimensions (H x W x D) Maximum altitude From Communication Ethernet, 4G (optional) Ethernet, 4G (optional) COPP, ISO 15118 ACPP, ISO 15118 AUTHENTIAN AUTHOR (optional) FITH multi-language touch color screen RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) AITHOR (optional) AUTHENTIAN AUTHENTIAN AUTHENTIAN FITH multi-language touch color screen RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) AUTHENTIAN AUTHENTIAN	Standards	CE		
Functions Accesories Communication Communication protocols Advertising screen HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity <95 % Weight 950 lb 1170 lb Dimensions (H x W x D) Maximum altitude REMA 3R / IK10 (display IK08) / C5H	Indirect contact	Insulation monitoring		
Communication Ethernet, 4G (optional) Communication protocols OCPP, ISO 15118 Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H	Overvoltage	Type II sur	Type II surge arresters	
Communication Ethernet, 4G (optional) Communication protocols OCPP, ISO 15118 Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H				
Communication protocols Advertising screen 21" Full HD (optional) HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length Operating temperature 16 ft Operating temperature 495 % Weight 950 lb 1170 lb Dimensions (H x W x D) Maximum altitude Frotection rating NEMA 3R / IK10 (display IK08) / C5H	Functions Accesories			
Advertising screen HMI 7" TFT multi-language touch color screen RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length Operating temperature 16 ft Operating temperature Humidity Veight 950 lb 1170 lb Dimensions (H x W x D) Maximum altitude Protection rating 121" Full HD (optional) 7" TFT multi-language touch color screen RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) Integrated liquid cooling 16 ft 95 °F to 140 °F 1170 lb 1170 lb NEMA 3R / IK10 (display IK08) / C5H	Communication	Ethernet, 4	G (optional)	
HMI 7" TFT multi-language touch color screen Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length 16 ft Operating temperature -5 °F to 140 °F Humidity < 95 % Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H	Communication protocols	OCPP, IS		
Authentication RFID (MIFARE Classic 1K&4K, MIFARE DesFire EV1, NFC) General information Cooling system Integrated liquid cooling Cable length Operating temperature -5 °F to 140 °F Humidity <95 % Weight 950 lb 1170 lb Dimensions (H x W x D) Maximum altitude Frotection rating NEMA 3R / IK10 (display IK08) / C5H	Advertising screen			
General information Cooling system Cable length Operating temperature Humidity Weight Dimensions (H x W x D) Maximum altitude Protection rating Integrated liquid cooling 16 ft -5 °F to 140 °F -5 °F to 140 °F 1170 Ib 1170 Ib 1170 Ib	HMI			
Cooling system Cable length Operating temperature Humidity Weight Dimensions (H x W x D) Maximum altitude Protection rating Integrated liquid cooling 16 ft 25 °F to 140 °F 495 % 1170 lb 1170 lb 1170 lb 103 5/32" x 30 1/2" x 36 13/16" NEMA 3R / IK10 (display IK08) / C5H	Authentication			
Cooling system Cable length Operating temperature Humidity Weight Dimensions (H x W x D) Maximum altitude Protection rating Integrated liquid cooling 16 ft 25 °F to 140 °F 495 % 1170 lb 1170 lb 1170 lb 103 5/32" x 30 1/2" x 36 13/16" NEMA 3R / IK10 (display IK08) / C5H				
Cable length Operating temperature Humidity Veight Opimensions (H x W x D) Maximum altitude Protection rating 16 ft -5 °F to 140 °F -95 % 1170 lb 1170 lb 1170 lb 103 5/32" x 30 1/2" x 36 13/16" 6500 ft NEMA 3R / IK10 (display IK08) / C5H	General information			
Operating temperature -5 °F to 140 °F Humidity < 95 %	Cooling system	Integrated liquid cooling		
Humidity < 95 %	Cable length	16 ft		
Weight 950 lb 1170 lb Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H	Operating temperature	-5 °F to 140 °F		
Dimensions (H x W x D) 103 5/32" x 30 1/2" x 36 13/16" Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H	Humidity	< 95 %		
Maximum altitude 6500 ft Protection rating NEMA 3R / IK10 (display IK08) / C5H	Weight	950 lb 1170 lb		
Protection rating NEMA 3R / IK10 (display IK08) / C5H	Dimensions (H x W x D)	103 5/32" x 30 1/2" x 36 13/16"		
	Maximum altitude	6500 ft		
Directives FCC Part 15 Class A	Protection rating	NEMA 3R / IK10 (display IK08) / C5H		
	Directives	FCC Part 15 Class A		



SUN Power B Series

	INGECON 950TL B366	INGECON 1040TL B400	INGECON 1170TL B450
AC input			
Voltage	366 V (IT System)	400 V (IT System)	450 V (IT System)
Current (@86°F / @122°F)		1500 A @ 86°F / 1350 A @ 122°F	
Power (@86°F / @122°F)	951 kVA / 856 kVA	1,039 kVA / 935 kVA	1,169 kVA / 1,035 kVA
Frequency		50 / 60 Hz	
Power Factor		1	
Adjustable power factor		01 (leading / lagging)	
Total Harmonic Distortion		< 3%	
DC output			
Voltage	579 820 Vdc	588 820 Vdc	707 820 Vdc
Maximum voltage	1000 Vdc		
Maximum current	1870 A		
Compliance and safety			
Standards	UL 1741		
Overvoltage		Type II surge arresters	
Overcurrent	Short-circuit and overloads		
Indirect contact	Insulation monitoring		
General information			
Operating temperature	-40 °F to 135 °F		
Humidity	< 95 %		
Weight	3,440 lb		
Dimensions (H x W x D)	89 3/8" x 111 1/32" x 32 15/32"		
Maximum altitude	14,770 ft		
Protection rating	NEMA 3R / IK10 (display and grid IK08) / C5H		
Marking	CE, SGS		
Directives	FCC Part 15, IEEE C37.90.1, IEEE C37.90.2, CSA22.2 No107		

DLM 2.0

OPTIMIZED USE of the available power



- Multiple charging points, either interconnected in series or at a hub.
- Set maximum installation charging power.
- Instantaneous charging powers adjusted according to the number of vehicles charging and their consumption.

Dynamic Load Management 2.0 (DLM 2.0) is the latest generation dynamic management system, supplied as standard in all the FUSION and RAPID models.

DLM 2.0 allows all the couplings on each charging station to share the total power defined for the equipment in the most balanced and dynamic way possible, also permitting the interconnection of a group of charging points and the definition of a maximum power output for the whole group. This ensure that the assigned threshold is never exceeded, regardlessof the number of vehicles charging simultaneously.

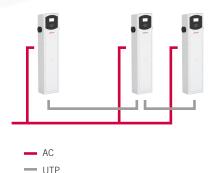
It is therefore possible to **optimize the use of the existing installation,** either through the power contracted or through any other limitation on the installation.

DLM BASICS

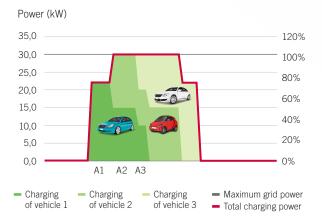
DLM 2.0 dynamically manages the power at each socket in the installation, based on the number of sockets in operation, the types of sockets or connectors used at each charging point and the current actually demanded by each vehicle. This is all evaluated in real time.

It is a dynamic, adaptive system, given the fact that if one of the vehicles is not consuming the current assigned by the system then, after a given time, the current not being consumed is assigned to the rest of the vehicles connected, for maximum use of the power available.

It is possible to combine AC points with DC points in the same group of charging stations.



DLM 2.0 Dynamic Load Management



SMART DLM 2.0 THE SMART power



- Multiple charging points, either interconnected in series or at a hub.
- Set maximum power to be supplied by the grid.
- Instantaneous powers adjusted according to the number of vehicles loading and the total consumption of the installation.

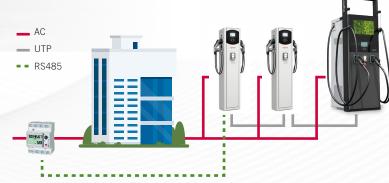
Smart DLM is the latest development of the DLM 2.0 system for the smart and dynamic management of the power in an installation that includes charging stations and also other loads such as those that are characteristic of an office or industry.

It consists in a network analyzer, installed at the desired management point and connected to a unit. All the FUSION and RAPID models are compatible with Smart DLM and it is even possible to combine models.

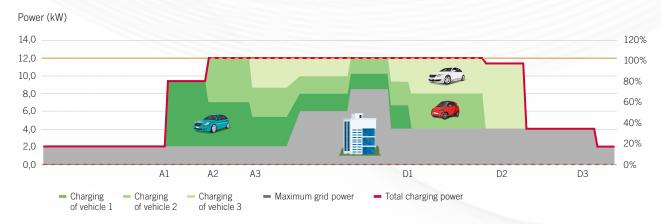
The Smart DLM allows for the real-time dynamic adjustment of the overall power of the chargers, which will jointly adjust their power to adapt to the other consumptions of the installation.

In this way it is possible to management the power demand and avoid or minimize the need to increase the power contracted.

The Smart DLM system makes a continuous analysis of the power consumed by the entire installation, including the charging stations.



Smart Dynamic Load Management





BE PART OF THE ENERGY TRANSITION.

