

RAPID 180 Series



All-In-One ultra-fast charging points

	RAPID 180 Series	
	One	Duo
Connectors	1	2
Left connector type	CCS1 or NACS	CCS1 or NACS
Right connector type	CCS1 or NACS or CHAdeMO	

RAPID 60E

RAPID 90

RAPID 120

RAPID 150

RAPID 180

AC input

Voltage	L1 + L2 + L3 + PE 480 Vac $\pm$ 15%				
Frequency	60 Hz $\pm$ 5%				
Rated AC current	76 A	115 A	155 A	190 A	230 A

DC output

Voltage	150 .. 1000 V				
Nominal DC current	200 A	300 A	375 A	375 A	375 A
Boost DC current	200 A	300 A	400 A	500 A	500 A
Single port maximum DC power	60 kW	90 kW	120 kW	150 kW	180 kW
Simultaneous maximum DC power	30 kW + 30 kW	60 kW + 30 kW	60 kW + 60 kW	90 kW + 60 kW	90 kW + 90 kW

Output connectors

One: CCS1 or NACS
Duo: CCS1 or NACS + CCS1 or NACS or CHAdeMO

Compliance and safety

Standards	UL 2202				
Overcurrent	Programmable MCB				
Indirect contact	RCD Type A + DC leak sensor				
Overvoltage	Protection against permanent and transient overvoltage				

Functions Accesories

Communication	Ethernet 4G (optional)				
Communication protocols	OCPP 1.6J, OCPP 2.0.1, 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	< 60 W	< 70 W	< 80 W
Retractable hose system	Included				
Cable length	15 ft				
Energy metering	Built-in				
Operating temperature	-30 °F to 130 °F (optional kit for lower/higher temperatures/derating from 105°F)				
Humidity	< 95 %				
Weight	890 lb	920 lb	950 lb	990 lb	1025 lb
Dimensions (height x width x depth)	90 1/2" x 30 1/2" x 28 3/4"				
Enclosure	Galvanized steel or stainless steel (optional)				
Maximum altitude	6500 ft				
Protection rating	NEMA 3R / IK10 (display IK08)				
Directives	FCC Part 15, NEC 625				