DC CHARGING STATION | 80kW
SMART MOBILE RANGE

Station de charge DC | 80kW
GAMME SMART MOBILE

NEW

Interoperability, easy to handle, light & compact

80 kW

alphēe

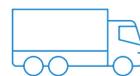| Model		SM80M
ELECTRICAL FEATURES		
AC Input	Efficiency (max)	>95%
	Input Voltage Range	400Vac (± 15%), 3L + PE
	Frequency Range	45Hz-65Hz
	Power Factor	> 0.98 Full-load Output Power of @50%~100%
	Max Input Current	<125A
	Three-Phase Balance	≤10V
	Stby Power Consumption	<25W
DC Output	Output Power	Up to 80kW
	Max Output Power	80kW@400Vdc for 1 gun version 40kW@360Vdc for 2 guns version
	Power Limit Configuration	Adjustable from 1 and 80kW on HMI or by 400Vac 22/30/44/66/80 power cable
	Voltage Range	150Vdc-1000Vdc
	Current Range	0-200A
	Voltage Stabilized Accuracy	<± 1%
	Insulation Test Voltage	2.1kV - 60sec
ENVIRONMENTAL & MECHANICAL FEATURES		
Environment	Ambiante Temperature	-25°C/+75°C with Derating from 55°C
	Storage Temperature	-25°C/+75°C
	Humidity	≤95%RH, Non-Condensing
	Cooling	Fan Cooling
	Altitude	Up to 2000m
Mechanics	IP Protection	IP54
	Weight	<220kg
	Dimensions WxDxH (mm)	670x890x1200
TYPICAL FEATURES		
Certification	CE	✓
User Interface	EVSE-EV Connection	Combo-2 (Length : 4m)
	Communication	IEC 61851-1 / 23 / 24, DIN70121, ISO15118
	Remote Monitoring	OCPP 1.6 or Customer's Dedicated Protocol And OCPP 2.1 ready
	Indicator Lights	Charge; Alarm; Fault; End; Available
	Screen	Human-Machine Interface - HMI (Option)
	Button	Emergency Stop; Charge Stop
Alarm and Protection	Input/Output	Auto Shutdn., Restart on Vehicle Request
	Over Current/Short Circuit	Auto Shutdn. & Lock, need Stop button or OCPP
	Output Over Voltage	Auto Shutdn. & Lock, need Stop button or OCPP
	Over Temperature	Auto Shutdn., Restart when T° returns to normal
Options	Charging Connector	1 or 2
	Mechanical Accessory	Rolls
	Modularity	Dynamic charge option to have 80kW on 1 connector when second connector not used

(*) Power Cable should be ordered separately

VISUAL ASPECT
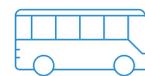

MARKETS

Mobility

Truck

Bus

Autonomous shuttle

Excavator

Commercial vehicle

Electric vehicle