

For houses, apartment buildings, companies, parkings and public charging.

## Spark Standard & Spark Pro

- 11 kW/22 kW
- KFW439/440/441
- User management, payment and energy management (Dynamic load balancing)
- Spark platform and App
- OCPP 1.6J
- WiFi / Ethernet / 4G
- RFID
- MID Electric meter
- Residual-current device (RCD)
- Emergency stop button
- Leakage protection switch
- Touchscreen display
- IP65
- Solar, smart home connection via Spark APIs



## Spark Revolution

- 11 kW (3-Phase/380-480V) / 7 kW (1-Phase/200-260V)
- KFW439/440/441
- User management, payment and energy management (Dynamic load balancing)
- Spark platform and App
- OCPP 1.6J
- WiFi / Ethernet / 4G
- RFID
- Integrated chip counter
- Tricolor display
- Residual-current device (RCD)
- Emergency stop button
- Leakage protection switch
- IP65
- Solar, smart home connection via Spark APIs



## Technical data sheet

No.	Parameter	Standard	Spark Revolution	Spark Standard	Spark Pro
1	Maximum charging power	11KW	•	•	•
		or 22 kW		•	•
		or 7 kW	•		
2	Input/output voltage	AC380V±15%/3 phase	•	•	•
		Or AC230V±15%/single phase	•		
3	Output current	16A	•	•	•
		or 32A		•	•
4	Electric meter	MID-certified electricity meters		•	•
		Integrated energy metering chip	•		
5	Charging port	Socket		•	•
		Or Cable (5M)	•	•	•
6	Internet connection	Ethernet (optional)	•	•	•
		WiFi	•	•	•
		4G	•	•	•
7	User operation	Automatic charging	•	•	•
		RFID	•	•	•
		app	•	•	•
		4.7 inch touch screen		•	•
		Password charging	•	•	•
		API for external applications			•
		Network power load balancing (1-3 Pcs)	•	•	•
Network power load balancing (>3 Pcs)			•		
8	Installation method	Wall/Stand	•	•	•
		Touch sensitive screen		•	•
9	Operation display	3 colors of LED lights	•	•	•
10	Background connection	Ocpp1.6J with platform	•	•	•
		Auto-charge	•	•	•
11	Charge Management	RFID	•	•	•
		Screen control		•	•
		APP control	•	•	•
12	Charging standard	IEC61851-1, IEC61851-22	•	•	•
13	Plug type	Type 2	•	•	•
14	Material	ABS+PC+Metal	•	•	•
15	Material Protection Measures	IP65, suitable for outdoor use	•	•	•
16	Security measures	Residual current protection, overvoltage protection, undervoltage protection, overload protection, grounding protection, thermal protection	•	•	•
17	Residual current protection parameters	A+6 (30ma ac+6ma dc)	•	•	•
18	Corrosion protection	Moisture-proof, dust-proof, salt-proof	•	•	•
19	Outdoor temperature	-35°C~+65°C	•	•	•
20	Outdoor humidity	5%~95%	•	•	•