



NON-CONTRACTUAL PICTURES | DOC. VERSION VERSION 20191220

# SMART ONE

SWISS  
QUALITY 

## Smart power management system for private parking

- **Private parking.** An ideal modular solution for private parking facilities, makes it possible to balance available power between vehicles in charge
- **Adapted to your need.** Handles slow-charge stations as well as multi-standard Combo and CHAdeMO quick-charge stations
- **Usage statistics.** Charging transaction listing
- **User identification.** Through RFID or Mobile app



  
green motion™



# SMART ONE

The **SMART ONE** is a centralized management solution for charging stations at private parking facilities. It allows identification and dynamic distribution of the electric power allocated to vehicles. New charging stations can be progressively added to it, in line with growth. The **SMART ONE** can control all types of station communicating via RS 485, CAN and Ethernet, and by load balancing, to make them smart.



## TECHNICAL SPECIFICATIONS

POWER INPUT		SMART POWER MANAGEMENT SYSTEM	
Input voltage		1 x 230 V <sub>AC</sub> 50 Hz	
Input current		1 x 8 A <sub>rms</sub>	
Standby-consumption		< 6 W	
CHARGING STATIONS CONTROL			
Types		Slow-charge stations as well as multi-standard Combo and CHAdeMO quick-charge stations	
Smart control		Control up to 100 charging stations	
Power management		Dynamic load balancing	
Station communication		RS 485, CAN, Ethernet cable	
Maximale line length		200 meters	
USER INTERFACE & CONTROL			
Mobile phone app		iOS and Android	
Control of access		RFID, App	
Network interface		Ethernet cable ; 3G/4G/5G	
Remote Management		Management console with consumption statistics, management of users and status of stations in real-time	
ENVIRONMENTAL			
Operating temperature		-25 °C to 40 °C	
Altitude		Up to 2000 m (6500 ft.)	
Setting		Wall ; indoor or outdoor	
Humidity		<95% relative humidity	
MECHANICAL			
Dimensions		192 x 225 x 122 mm	
Weight		2 kg	
Housing material		Polycarbonate glass fibre reinforced	
REGULATION			
Conformity		IEC 61851-1	
Protection rating		IP55	
Communication protocol		OCPP 1.6J	

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