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End-to-End  
Solutions for  
e-Mobility



## Personal

### Smart

Zebra Personal charger allows you to start / stop charging, monitor, set charging times and manage other charging operations via web portal.

### Fast

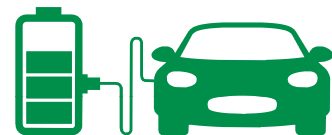
It can charge up to 8 times faster compared to a wall socket and provides enough power to travel 100+ kilometers on an hourly charge.

### Compatible

Compatible with all electrical and plug-in hybrid vehicles conforming to the European Union's EN61851 standard.

### Connected

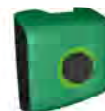
Zebra Personal is connected to a network management system via internet and gives maximum control to the user. It provides more efficient and economical charging operation.



Zebra Personal; with its modern, aesthetic and durable design brings new generation EV charge stations to your home at a reasonable price. All Zebra Personal units have optional remote management features which allow station owners to monitor their stations, set charging schedules, view usage and cost reports (on-off, time-based start-up, etc.) with an internet connection.



# Personal



## ELECTRICAL SPECS

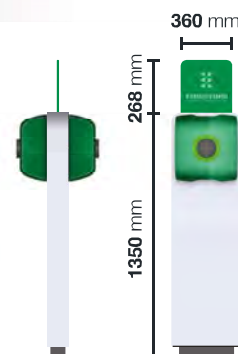
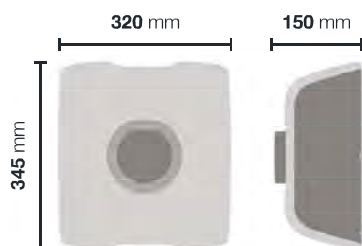
Unit Power Rating	3.7 kW	7.4 kW	11 kW	22 kW
Maximum Voltage	Single Phase 230V $\pm$ %10	Single Phase 230V $\pm$ %10	Three Phase 400V $\pm$ %10	Three Phase 400V $\pm$ %10
Cables	1P + N + E	1P + N + E	3P + N + E	3P + N + E
Current (max.)	16A	32A	16A	32A
Frequency	(50 $\pm$ 0,5) Hz			
Socket Type	Type2 (EN / IEC 62196)			
Charging Mode	Mode 3 (EN / IEC 61851 - 1)			
Number of Sockets	1			
RFID Card Reader	No			
Display	No			
Charge Indicator	RGB LED Strip Around Socket			
Communication Protocol	OCCP 1.6			
Communication Module	Ethernet or Wifi / GPRS (Optional)			
Residual Current Protection	30 mA AC & 6 mA DC			

## MANAGEMENT SPECS

Central Management	Station control from internet portal
Smart Charge	Charge start / stop / lock and time based operation control from internet portal
Usage Reports	Monitor instantenous and historical transactions and reports from internet portal
Transaction Start	Plug and Charge
Power Management	Software adjustable current flow according to infrastructure capacity

## PHYSICAL SPECS

Environmental Protection	IP54 (Outdoor)
Mounting Method	On wall or on ground with optional pedestal
Connection Location	Bottom or top
Color	Standard blue, green, orange or custom







## Commercial

### Fast

With Zebra Commercial's rapid charging capability, your long distance journeys will be easier.

### Compatible

Compatible with all electrical and plug-in hybrid vehicles conforming to the European Union's EN61851 standard.

### Easy Access

Thanks to the real-time data available from the internet portal, it is easy to find and use open stations and start charging.

### Smart

Zebra Commercial can be controlled by any OCPP compliant station management system for monitoring and billing. Double socket version also includes "smart load balancing" for optimum infrastructure utilization.

## Portal - For Users

### Finding EV Charging Stations

By using an OCPP compliant management system, drivers can find EV charging stations on their travel route and make reservations subject to availability.

### Remote Access

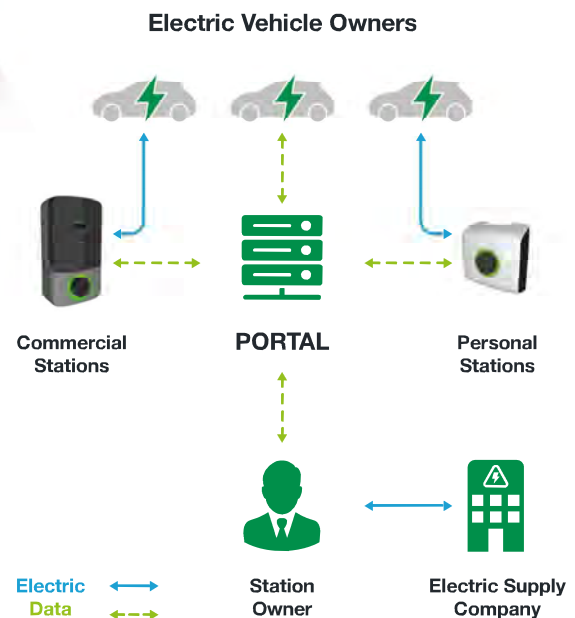
Drivers can start / stop charging, monitor, schedule and manage other charging operations.

### Easy Account and Data Tracking

Drivers can follow their favorite EV charge points and charging history. They can also monitor and report their reduction in carbon footprint.

### Secure

In order to start charging process drivers must be authorized by the network.



# Commercial Single Socket



## ELECTRICAL SPECS

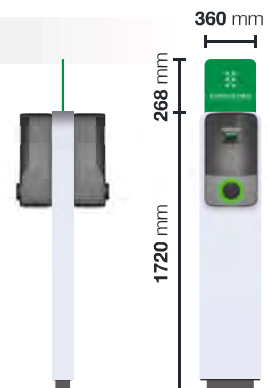
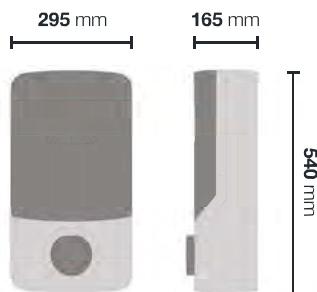
Unit Power Rating	3.7 kW	7.4 kW	11 kW	22 kW
Maximum Voltage	Single Phase 230V $\pm$ %10	Single Phase 230V $\pm$ %10	Three Phase 400V $\pm$ %10	Three Phase 400V $\pm$ %10
Cables	1P + N + E	1P + N + E	3P + N + E	3P + N + E
Current (max.)	16A	32A	16A	32A
Frequency	(50 $\pm$ 0,5) Hz			
Socket Type	Type2 (EN / IEC 62196)			
Charging Mode	Mode 3 (EN / IEC 61851 - 1)			
Number of Sockets	1			
RFID Card Reader	Yes			
Display	128 x 64 OLED Display or 7" TFT Industrial Touch Display (Sunlight Readable)			
Charge Indicator	RGB LED Strip Around Socket			
Communication Protocol	OCCP 1.6			
Communication Module	Ethernet or Wifi / GPRS (Optional)			
Residual Current Protection	30 mA AC & 6 mA DC			

## MANAGEMENT SPECS

Central Management	Station control and monitoring from internet portal
Smart Charge	Ability to specify multiple kWh and hourly usage rates via the internet portal
Usage Reports	Ability to view instant and past usage reports via the internet portal
Transaction	Starting / finishing with RFID card, credit card or mobile phone application
Firmware Updates	Automatic firmware updates via central server connection

## PHYSICAL SPECS

Environmental Protection	IP54 (Outdoor)
Mounting Method	On wall or on ground with optional pedestal
Connection Location	Bottom
Color	Standard black / grey or custom



# Commercial Double Socket



## ELECTRICAL SPECS

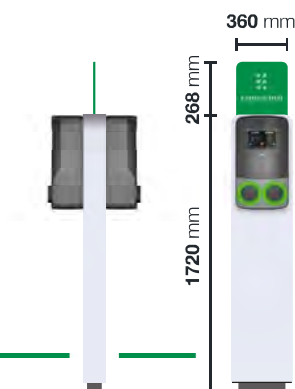
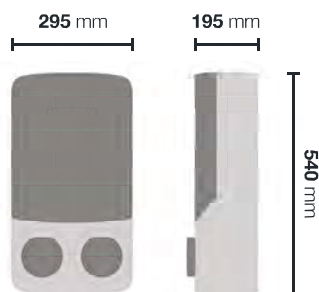
Unit Power Rating	2 x 3.7 kW	2 x 7.4 kW	2 x 11 kW	2 x 22 kW
Voltage	Single Phase 230V $\pm$ %10	Single Phase 230V $\pm$ %10	Three Phase 400V $\pm$ %10	Three Phase 400V $\pm$ %10
Cables	1P + N + E	1P + N + E	3P + N + E	3P + N + E
Current (max.)	2 x 16A	2 x 32A	2 x 16A	2 x 32A
Frequency	(50 $\pm$ 0,5) Hz			
Socket Type	Type2 (EN / IEC 62196)			
Charging Mode	Mode 3 (EN / IEC 61851) & IEC 15118 Ready			
Number of Sockets	2			
RFID Card Reader	Yes			
Display	7" TFT Industrial Touch Display (Sunlight Readable)			
Charge Indicator	RGB LED Strip Around Socket			
Communication Protocol	OCPP 1.6			
Communication Mode	Ethernet or Wifi / GPRS (Optional)			
Residual Current Protection	30 mA AC & 6 mA DC			

## MANAGEMENT SPECS

Central Management	Station control and monitoring from internet portal
Smart Charge	Ability to specify multiple kWh and hourly usage rates via the internet portal
Usage Reports	Ability to view instant and past usage reports via the internet portal
Transaction	Starting / finishing with RFID card, credit card or mobile phone application
Firmware Updates	Automatic firmware updates via central server connection

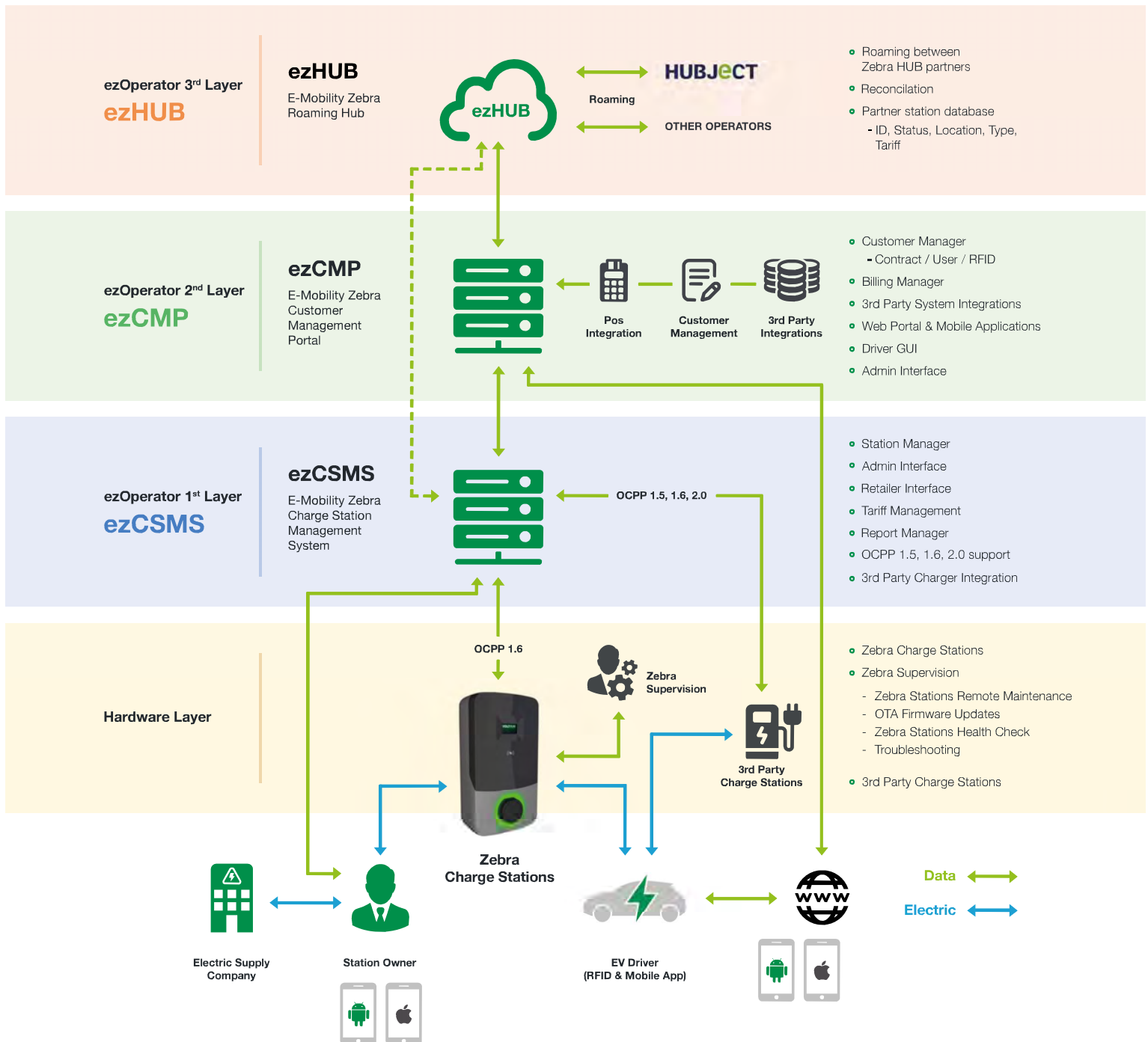
## PHYSICAL SPECS

Environmental Protection	IP54 (Outdoor)
Mounting Method	Wall-Mount or Pedestal-Mount (optional)
Connection Location	Bottom
Color	Standards black / grey or custom



# ezOperator Software Package

ezOperator Software Package is a set of layered software designed to provide EV charging station network operator services. It is a system that allows the operator to centrally manage the entire network and customers under a single end-to-end platform with its modular structure and flexible usage features. It also provides a platform for roaming with other operators.







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