

EV Product Guide

2025

About Us

IMMERSA LIMITED



At Immensa, our core purpose is to create a better future for generations to come, and this commitment is at the forefront of everything we do. Our long-term vision is to forge exclusive partnerships and build lasting relationships with individuals and organisations dedicated to sustainable energy and renewable solutions. We aspire to collaborate on impactful projects that benefit the environment, using our expertise in Battery Energy Storage Systems (BESS) and solar technology.

Adding BESS to existing technologies such as solar or wind can be extremely beneficial to businesses. Our smart systems are designed to be flexible to your needs and come with additional extras that can provide security to your business when you need them. EMS (Energy Management System) will reduce your business costs whilst our GMS (Grid Management System) can provide backup to your business in power outages and unforeseen circumstances.

Immensa specialises in the delivery and integration of commercial BESS solutions. Our team of experts offer bespoke designs based on the needs of your business/client and will work with you on concept development right the way through to maintenance. Not only that, but our knowledge of the industry also means we can sit with your prospective clients and act as your battery experts so if advice and guidance are what you need, we can help.



ZD Energy EV Charger

EV CHARGERS



Key Features



1 Phase: Optional Wall-Mounted or Pedestal installation



Compact Design for Easy Carry & Installation



Optional Wireless Connection



Multiple Protections for Safe Use



Optional RFID Function for Community Application

Model	K Series 7.4kW EV Charger
Power Output	3.7/7.4 kW
Frequency	40 - 60 Hz
Rated Voltage	AC 230V
Max Input Current	32A' 16A Option
Operating Temperature	-20°C ~ +65°C
Network Connection	4G (GSM)/WIFI/Bluetooth/RFID
Cable Length	7m



ZD Energy EV Charger

EV CHARGERS



Key Features



8" LCD Touchscreen



Remote Monitoring & OTA
Upgrade Capability



Designed for Fleet Operation
Fast Charge



Safe & Reliable

Model	ZeedaDirect - 30 ~ 60kW DC Charging System
Power Output	30/60 kW
Frequency	50 - 60 Hz
Rated Voltage	CCS2 1000V DC
Max Output Current	CCS2 100A (30kW), 200A (60kW)
Operating Temperature	-30°C ~ +50°C
Network Connection	4G (GSM)/Ethernet/WIFI
Cooling Method	Forced Air Cooling
Dimensions (W x D x H)	690 x 584 x 1686 mm



ZD Energy Fast EV Charger

EV CHARGERS



Key Features



8" LCD Touchscreen



Remote Monitoring & OTA
Upgrade Capability



Designed for Fleet Operation
Fast Charge



Multiple Charging Options

Model	ZeedaDirect - 80 ~ 200kW DC Charging System
Power Output	80/120/160/200 kW
Frequency	45 - 65 Hz
Rated Voltage	CCS2 1000V DC
Max Output Current	CCS2 200A
Operating Temperature	-30°C ~ +50°C
Network Connection	4G (GSM)/Ethernet/WIFI
Cable Length	5m*2 or 7m*2
Dimensions (W x D x H)	700 x 590 x 1840 mm



ZD Energy Super EV Charger

EV CHARGERS



Key Features



8" LCD Touchscreen



Remote Monitoring & OTA
Upgrade Capability



Modular Design for
Opportunity/Destination
Charging



15 Minute Charge Time



Multiple Payment Methods

Model	ZeedaDirect - 240 ~ 420kW DC Charging System
Power Output	240/300/360/420 kW
Frequency	45 - 65 Hz
Rated Voltage	CCS2 1000V DC
Max Output Current	CCS2 400A
Operating Temperature	-30°C ~ +50°C
Network Connection	4G (GSM)/Ethernet/WIFI
Cable Length	5m*2
Dimensions (W x D x H)	850 x 1100 x 2200 mm



Operation and Maintenance

Immerra's service package enhances your Battery Energy Storage System (BESS) with proactive maintenance, minimizing downtime and extending lifespan.

Regular checks protect your investment, while priority support ensures quick issue resolution, reducing costs.

Every Immerra installation and LTSA package includes free access to the Alpha Cloud, a digital monitoring platform.

It provides real-time battery data, allowing both you and Immerra to track capacity, state of charge, and performance while optimizing system settings to meet your energy needs.

The software also forecasts supply and demand, enabling smart charging and discharging for maximum self-consumption, revenue, and cost savings.

Immerra & Alpha's technical team can use the platform to diagnose faults, troubleshoot issues, and update configurations to ensure safe, efficient operation.




Benefits of O&M

- Priority Support
- Ongoing System Reliability
- Cost Savings
- Extended System Lifetime


ALL O&M contracts are bespoke based on the solutions we have provided and the customer's needs. To find out more about how we can help you get the best contract for you system get in touch today and speak to one of our experts.


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