



ascharge

Electric Vehicle Charging Systems 2024 Product Catalog



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About Us



In the renewable energy, defense, transportation and aerospace sectors; We are a technology development company that is able to develop and produce according to international standards with our competent and experienced R&D engineers, production staff, project and management teams.





What are We Producing?

- Electric Vehicle Fast Charging Systems
- Energy Storage and Battery Management Systems
- DC Power Sources and Battery Chargers
- Static Frequency Converters
- Servo and Static Voltage Regulators
- Rectifier
- Inverter
- Frequency Converter
- Uninterruptible Power Supply (UPS)
- Special solutions for the Defense Industry



Electric Vehicle Charging Systems

We produce Electric Vehicle Fast Charging Systems that can be directly integrated with solar panels and energy storage systems in the power range of 20-800 kW.



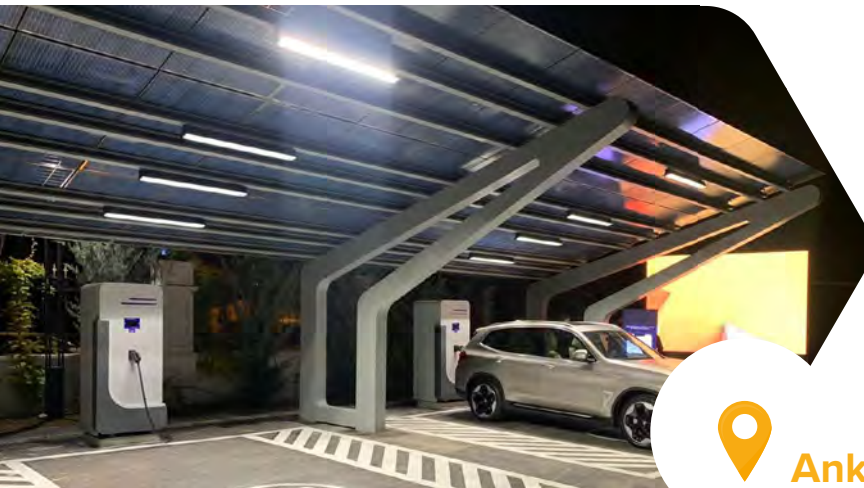
Projects



KMO - OPET Station

2 x 200 kW Fast Charging System
2 x 50 kW Fast Charging System

Although the charging process of Electric Vehicles can be supported by solar energy, solar energy can provide energy to the batteries and the grid when needed.



EMRA Garden (Energy Market Regulatory Authority)

2 x 50 kW Fast Charging Systems

Off-Grid electric vehicle fast charging system compatible with solar panel and energy storage systems.



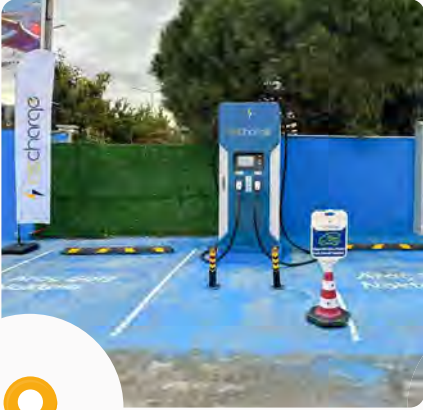
Ankara

In Numerous of Locations Domestically and Internationally

Particularly for licensed companies that have secured tenders under the Ministry of Industry Grant Support Program, we will persist in supplying energy at numerous locations both domestically and internationally with 120 kW Fast Charging Units and other charging units we provide.



Istanbul



Çanakkale



İzmir



Antalya

Samsun Metropolitan Municipality 450 kW Ultra Fast Charging System

We commissioned the project, which includes ultra-fast pantograph charging systems with 450 kW power for buses, for Samsun Metropolitan Municipality. In addition to the pantograph, the systems also have the possibility of charging with the CCS2 charging port.



Samsun



20-40 kW Fast Charging System

Fast Charge



With Plug and Charge technology, provides fast charging without any for intervention.

Power Increase



Modular structure that can be increased up to 40 kW.

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL

AS EVC 3020

AS EVC 3040

Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	20 kW	40 kW
Voltage Range (Vdc)	150-1000 V	
Voltage Ripple	≤ ±5 V	
Efficiency	≥ %95 (at nominal output power)	

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	CCS2
Communication Protocol	OCPP 1,6J

User Interaction

Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	40 kg	60 kg
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Dimensions (mm)

W: 860
D: 365
H: 950

Colors

RAL 5004 
RAL 7040 
RAL 9005 

*Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



60-100 kW Fast Charging System

Fast Charge



With Plug and Charge technology, provides fast charging without any for intervention.

Power Increase



Modular structure that can be increased up to 100 kW.

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL

AS EVC 3060

AS EVC 3080

AS EVC 3100

Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	60 kW	80 kW	100 kW
Voltage Range (Vdc)	150-1000 V		
Voltage Ripple	≤ ±5 V		
Efficiency	≥ %95 (at nominal output power)		

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	CCS2
Communication Protocol	OCPP 1,6J

User Interaction

Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	190 kg	220 kg	250 kg
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Dimensions (mm)

W: 693

D: 603

H: 1865

Colors

RAL 5009

RAL 7047

RAL 9005



* Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



80 kW Fast Charging System

Fast Charge



With Plug and Charge technology, provides fast charging without any for intervention.

DC Power Sharing



Provides simultaneous charging with 2 x CCS2 sockets.

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL

AS EVC 3080 DUO

Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	80 kW
Voltage Range (Vdc)	150-1000 V
Voltage Ripple	≤ ±5 V
Efficiency	≥ %95 (at nominal output power)

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	2 x CCS2
Communication Protocol	OCPP 1,6J

User Interaction

Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	230 kg
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Dimensions (mm)

W: 693

D: 603

H: 1865

Colors

RAL 5009

RAL 7047

RAL 9005



*Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



120-200 kW Fast Charging System

Fast Charge



With Plug and Charge technology, provides fast charging without any for intervention.

DC Power Sharing



Provides simultaneous charging with 2 x CCS2 sockets.

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL

AS EVC 3120

AS EVC 3160

AS EVC 3200

Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	120 kW	160 kW	200 kW
Voltage Range (Vdc)	150-1000 V		
Voltage Ripple	≤ ±5 V		
Efficiency	≥ %95 (at nominal output power)		

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	2 x CCS2
Communication Protocol	OCPP 1,6J

User Interaction

Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	330 kg	365 kg	400 kg
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Dimensions (mm)

W: 800
D: 800
H: 1900

Colors

RAL 5009
RAL 7047
RAL 9005



*Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



240-360 kW Fast Charging System

Fast Charge



With Plug and Charge technology, provides fast charging without any for intervention.

DC Power Sharing



Provides simultaneous charging with 2 x CCS2 sockets.

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL	AS EVC 3240	AS EVC 3280	AS EVC 3320	AS EVC 3360
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Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	240 kW	280 kW	320 kW	360 kW
Voltage Range (Vdc)	150-1000 V			
Voltage Ripple	≤ ±5 V			
Efficiency	≥ %95 (at nominal output power)			

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	2 x CCS2
Communication Protocol	OCPP 1,6J

User Interaction

Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	490 kg	525 kg	560 kg	595 kg
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Dimensions (mm)

W: 800
D: 1000
H: 2300

Colors

RAL 5009 
RAL 7047 
RAL 9005 

*Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



480 kW Fast Charging System

Fast Charge



With Plug and Charge technology, it provides fast charging without any for intervention.

Multiple Charge Ports



Two or more charging ports. It offers high-speed charging with both CCS2 and pantograph on the same system. (Optional)

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL

AS EVC 3480

Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	480 kW
Voltage Range (Vdc)	150-1000 V
Voltage Ripple	≤ ±5 V
Efficiency	≥ %95 (at nominal output power)

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	CCS2, Pantograf
Communication Protocol	OCPP 1,6J

User Interaction

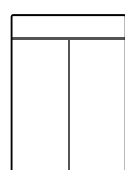
Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	1280 kg (Power Unit) ** 80 kg (Stand Charge Unit) **
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Dimensions (mm)

W: 1900
D: 886
H: 2370

Power Unit



Dimensions (mm)

W: 560
D: 420
H: 1800

Stand Charge Unit

Colors

RAL 5009	
RAL 7047	
RAL 9005	

Layout

480 kW Power Unit + 4x Stand Charge Unit

** Specifications are given for a single unit.

* Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



600 kW Fast Charging System

Fast Charge



If there is single vehicle on the charger charging at 200 kW power; when two vehicles are on the charger, provides 2 x 100 kW simultaneous charging.

Multiple Charge Ports



Two or more charging ports. It offers high-speed charging with both CCS2 and pantograph on the same system. (Optional)

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL

AS EVC 3600

Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	600 kW
Voltage Range (Vdc)	150-1000 V
Voltage Ripple	≤ ±5 V
Efficiency	≥ %95 (at nominal output power)

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	CCS2, Pantograf
Communication Protocol	OCPP 1,6J

User Interaction

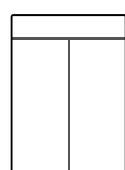
Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	740 kg (Power Unit) ** 80 kg (Stand Charge Unit) **
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Dimensions (mm)

W: 1900
D: 886
H: 2370

Power Unit



Dimensions (mm)

W: 560
D: 420
H: 1800

Stand Charge Unit

Colors

RAL 5009 
RAL 7047 
RAL 9005 

Layout

2x 300 kW Power Unit + 3x Stand Charge Unit

** Specifications are given for a single unit.

* Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



800 kW Fast Charging System

Fast Charge



If there is single vehicle on the charger charging at 200 kW power; when two vehicles are on the charger, provides 2 x 100 kW simultaneous charging.

Multiple Charge Ports



Two or more charging ports. It offers high-speed charging with both CCS2 and pantograph on the same system. (Optional)

Contactless Payment



Provides an easy and contactless payment experience on credit/debit card, RFID card, mobile payment or NFC with OCPP support. (optional)



MODEL

AS EVC 3800

Input

Voltage	3x400 Vac
Voltage Tolerance	- %20 ~ + %20
Frequency	50Hz, 60Hz (optional)
Frequency Tolerance	± %10
Power Factor	> 0,98

Output

Rated Power	800 kW
Voltage Range (Vdc)	150-1000 V
Voltage Ripple	≤ ±5 V
Efficiency	≥ %95 (at nominal output power)

Environmental Features

Operating Temperature	-35 ~ +75 °C *
Storage Temperature	-40 ~ +75 °C
Relative Humidity	%5-95 (non-condensing)
Cooling	Forced Air Cooling
Protection Degree	IP54 - IK10
Operational Noise Level	65dBA

General Features

Protections	Short Circuit, Over Current, Over Temperature, Emergency Stop Over/Under Output Voltage, DC Ground Leakage
Isolation	3000 V
Charge Port	CCS2, Pantograf
Communication Protocol	OCPP 1,6J

User Interaction

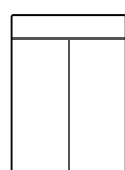
Display	10" LCD Panel with Capacitive Touch Screen
Payment Methods	Mobile Payment, RFID Card, Contactless Payment (optional), NFC (optional)

Standards

Communication	ISO15118, DIN70121
Safety and Compliance	IEC61851-21-2, IEC61851-23:2014
CCS2	IEC62196 1/3

Mechanical Properties

Weight	860 kg (Power Unit) ** 80 kg (Stand Charge Unit) **
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Dimensions (mm)

W: 1900
D: 886
H: 2370

Power Unit



Dimensions (mm)

W: 560
D: 420
H: 1800

Stand Charge Unit

Colors

RAL 5009 
RAL 7047 
RAL 9005 

Layout

2x 400 kW Power Unit + 4x Stand Charge Unit

** Specifications are given for a single unit.

* Derating is applied at high temperatures.

Specifications are subject to change without notice. Images are given as an example and may differ depending on the model.



Mobile Fast Charging System

User
Friendly



High Speed
Charging



With Plug and Charge technology
without the need for intervention
It offers high-speed charging.



Model **AS EVC 1035M** **AS EVC 1050M** **AS EVC 1100M** **AS EVC 1150M**

Origin	Turkey			
Charging Power	35kW	50kW	100kW	150kW
Battery Capacity	70kWh	70kWh	140kWh	210kWh
Charging Socket	1x200A CCS2	1x200A CCS2	1x200A CCS2	1x400A CCS2

Input Voltage	380Vac 50Hz			
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Out

Output Voltage	200Vdc-800Vdc			
Output Current	200A	200A	200A	400A

User Interaction

User Interface	10 " LCD Panel And Capacitive Touch Screen			
Communication Interface	Wifi / 4G			
Communication Protocol	OCPP 1.6J (OCPP 2.0.1 Compatible)			
Charging Start / Stop	Manuel / RFID (Pos) / Mobile (Operator Software) / Backend (Operator Software)			
Payment / Collection	Manuel (Pos) / Mobile (Operator Software) / Backend (Operator Software)			

General Features

Compatible with Operators and Mobile Devices. (Backend can be included)				
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Mechanical Features

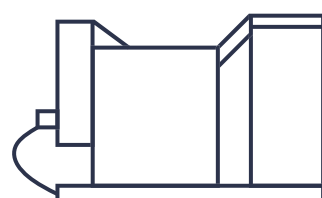
900 Kg	950 Kg	1450 Kg	2000 Kg
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Optional

AC Outlet Socket 2kW
DC Ability to Charge Internal Batteries with Fast Charger
Built-in NFC Pos Device

Other

** Vehicle Not Included in Charging System
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Dimensions (mm)*

W: 965
L : 2150
H: 1280

Colors

RAL 9005 
RAL 7035 
RAL 9005 

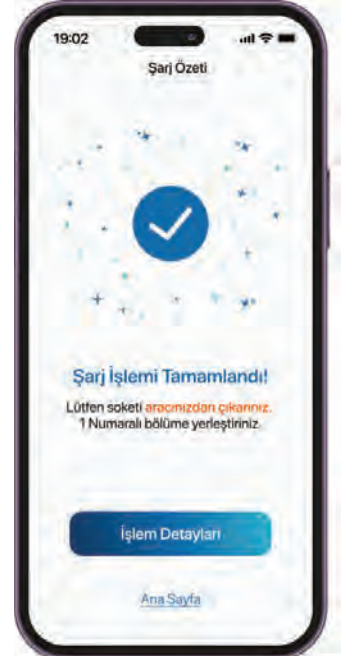
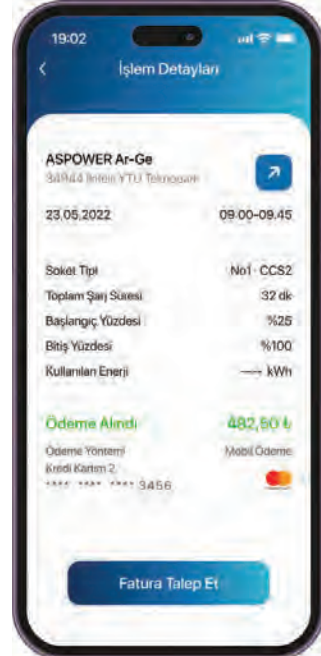
*The size stated above belong to the 35kW-50kW system. Get information for 100kW and 150kW.

**Note: Specifications may change without notice. Images are provided as examples and may differ depending on the model.

Mobile Applications and Charging Network Management



- ❖ Reservation opportunity
- ❖ View all charging points
- ❖ Status information
- ❖ Viewing past charge statuses
- ❖ Payment details
- ❖ Possibility to start/end charging via mobile application



- ❖ Management Infrastructure after Installation and Connection of Electric Vehicle Charging Stations
- ❖ Possibility to view and manage usages of your Charging Stations.
- ❖ Ability to remotely turn on/off the Charging Stations.
- ❖ OCPP 1.6 compatible
- ❖ Ability to schedule and pricing.
- ❖ Ability to monitor realized payments from your Company Account
- ❖ It is compatible with all Currencies.
- ❖ Receipts and Invoices are generated automatically.
- ❖ Different Payment Tools: lyzico, Stripe, Credit Cards, Gift Cards.
- ❖ Analysis and Reporting* Ability to set your tariffs according to kW/h or minutes



WEBSITE

Link:

www.aspower.com.tr

Scan the code to visit our website directly.



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