



AC ELECTRIC VEHICLE CHARGER

AC EV Charger 7KW-23KW



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About Us

OUR STORY

Looking back...

Fida International (S) Pte Ltd has been a provider of technologically innovative and user-friendly products manufactured under the brand name "Prolink" since 1991. With more than two decades of professional experience in the information communications sector, Prolink is now renowned as a specialist in its field, especially in the area of Back-up UPS products.

Over the years, Prolink has built its presence through a strong foundation of technological leadership within the South Asian, South-east Asian and Middle Eastern regions and is continuing to build its presence worldwide. With its current network of sales offices in more than 20 countries, customers can be assured that Prolink is able to provide the right solutions to meet the needs of both home and business users within each geographical location both efficiently and effectively.

The company's quest for continuous improvement and quality assurance to its customers has earned us the ISO9001 quality certification since 1999. With its consistently strong commitment to quality, customers can be assured that they are getting true value - superior quality products at affordable prices.

OUR MISSION

ACCENTUATE THE BEST FOR THE E-GENERATION

Prolink aspires to accentuate the best for the e-generation. With technology becoming an essential aspect of modern living, the e-generation concept has gradually become ingrained in our lives and digital literacy is becoming more and more commonplace.

Prolink products are designed to make technology work for the e-generation. Created with the end-user in mind, our products are crafted to enhance performance whether you are at work or play - our products work harder, while you work smarter to achieve your desired results with less effort and better efficiency.



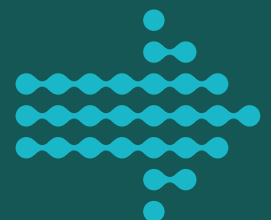
Providing value to our consumers - whether home or business users, remains a firm commitment of Prolink. With its wide range of quality products, Prolink makes it easy for home users to find user-friendly yet affordable solutions for their technological needs, while business users are assured of reliable and secure solutions for their network infrastructure.

OUR VISION

IDEAS, INNOVATION AND INFORMATION

Prolink aims to be the key driving force behind technological changes and improvements in both developing and developed countries. With its strong focus on technology, our team sets high standards for itself in the areas of innovation, change and improvement so as to provide the next generation of users with products that are suitable for their technology advanced environments.

The small "i" in Prolink represents ideas, innovation and information - three key pillars of growth that drive us towards achieving excellence in our field of expertise and challenges us to think beyond our usual boundaries.



About Us



CORE VALUES

SECURED INFORMATION MANAGEMENT

With more than two decades of professional experience in providing backup power solutions to our customers, we are able to support our customers with superior technological know-how and expertise, as well as advice on market trends. At the same time, we are also fully committed to protecting the privacy of our customers and to manage confidential information discreetly.

INNOVATIVE DESIGN

Our products are carefully thought out to ensure that each item is designed to meet the needs of our customers. With the team's solid experience in the UPS market, customers can be certain that our designs are innovative yet functional, and suitable for each dynamic market that we have a presence in.

SUPERIOR SERVICE STANDARDS

Strict and rigorous testing makes up a huge part of our quality control procedures. We ensure that every item meets our strict standards – from the individual components to the actual finished product.

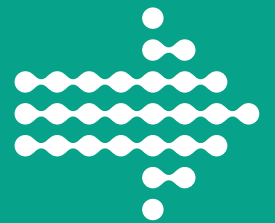
TOTAL QUALITY ASSURANCE SYSTEM

Our products go through careful planning and checks at every stage of the production cycle – from the beginning stages of product design to the manufacturing and finally the actual delivery of the goods. This guarantees that our customers receive only the best quality goods – of high reliability and durability. Our total quality system has been audited and approved by globally recognized bodies.



AC EV CHARGER

7KW - 23KW



PRODUCT HIGHLIGHTS



Solid Wallbox Design

IP65 & IK10 rated enclosure
IP55 rated connector



Touch Screen LCD / LED

4.3" touch screen LCD on PEV 6500W-AM and PEV 6500W-AP
LED only version on PEV III 6500W-AP



System Protection

Overcurrent, overvoltage, undervoltage, ground fault, integrated surge protection, leakage current, over-temperature protection



Communication Protocol

OCPP 1.6J (OCPP 2.0.1 implementation in progress)



Application

Residential (Mobile App control)
Commercial (Integration with charging management system via OCPP)



Design Standards





Compliance to Singapore's EV charging standard - TR25:2022



Third Party Certificates

SGS Certified
CE Certificates with ILAC-MRA endorsement on the test reports

MODEL SELECTION

	PEV 6500W-AM	PEV 6500W-AP	PEV III 6500W-AP
Prolink AC EV Chargers			
Casing Type	Metal	Plastic	Plastic
Rated Power	7KW~23KW		
Application	Residential / Commercial	Residential / Commercial	Residential
Input / Output Voltage	220VAC~240VAC 1 Ph + N + E 380VAC~415VAC 3 Ph + N + E		
Frequency	50Hz/60Hz		
Display	LCD + LED	LCD + LED	LED
RFID	✓	✓	✗
Wi-Fi	✓	✓	✓
Bluetooth	✗	✗	Optional
3G/4G	✓	✓	✗
Ethernet (RJ45)	✓	✓	✗
OCPP Protocol	✓	✓	✗
Mobile App	✗	✗	✓
EPO	✓	✓	✗
Over Voltage / Under Voltage Protection	✓	✓	✓
Over Current Protection	✓	✓	✓
Over Temperature Protection	✓	✓	✓
Ground Fault Protection	✓	✓	✓
Leakage Current Protection	✗	✗	✓
Surge Protection	✓	✓	✓
Protection Degree	IP55 (Connector)/ IP65 & IK10 (Enclosure) / IK8 (Touch Screen)	IP55 (Connector)/ IP65 & IK10 (Enclosure) / IK8 (Touch Screen)	IP55 (Connector)/ IP65 & IK10 (Enclosure)
Operating Temperature	-35°C to 55°C	-35°C to 55°C	-35°C to 50°C
Default Installation Type	Wall Mounting		
Pedestal Mounting	Optional		
Cable Length	5.0m (Default) / 7.5m (Optional)		
Connector	EU Type 2 		
Singapore EV Charging Standard	TR25:2022		
Applicable IEC Standards	IEC 61851-1, IEC 61851-21-2 (Charger) IEC 62196-1, IEC 62196-2 (Connector)		
Third Party Certifications	SGS Certs and Test Report with ILAC-MRA endorsement		

PEV6500W-AM | 7KW~23KW

**IP65
Rated**

User Friendly

Touch Screen

**Commercial
7KW~23KW**

**EU Type 2
(IEC 62196-2)**


- Wall mounting type (pedestal mounting option available)
- IP65 and IK10 rated metal enclosure; IP55 rated connector
- Dedicated LED status indicator light for each charging mode
- Multilingual support for 4.3" coloured touch screen LCD
- Supports OCPP 1.6 JSON network and 3G/4G
- Adapting OCPP network security protocol to implement the OTA feature

- Cloud network protocol verified by OCTT
- Linux 5.10 OS and CPU conformed with cybersecurity standards
- Singapore TR25:2022 charging standard compliance
- SGS certified and CE certification with ILAC-MRA endorsement
- Passed rigorous environmental and thermal shock tests from -35°C to 55°C to ensure the system reliability

Specifications

MODEL	PEV6507W-AM	PEV6511W-AM	PEV6521W-AM
Charging Type	Charging Mode 3 Case C, Optional: Case B		
Outlet Options	AC Type 2 (IEC 62196-2)		
Input/Output Current rating	32A ,Single phase	16A, Three phase	32A, Three phase
Input/Output Power rating	7.7KW at 240VAC	11.5KW at 415VAC	23KW at 415VAC
Input/Output Voltage	220/230/240 VAC	380/400/415 VAC	380/400/415 VAC
Input Frequency	50 Hz or 60 Hz		
Number of EV Served	1		
Cable Length	5.0 m, Optional: 7.5 m		
Distribution Systems	Single Phase	TT,TN, Three Phase	TT,TN, Three Phase
Connector Type	1P + N + PE	3P + N + PE	3P + N + PE
Protection	Overcurrent, overvoltage, undervoltage, ground fault, integrated surge protection, over-temperature protection		
Energy Metering	Revenue grade energy meter		
Cellular Communication	GSM, 4G, LTE		
USER INTERFACE			
Connectivity	Ethernet (RJ 45), 4G / 3G or WiFi		
User Authentication	RFID		
User Interface	4.3" touchscreen LCD, Optional: 5" touchscreen		
Status indication	3 indicators		
Communication Protocols	OCPP 1.6 J		
RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader		
Emergency Button	Yes		
CONFIGURATION			
Software Upgrade	Over-the-air (OTA)		
Language System	English, Chinese		
GENERAL CHARACTERISTICS			
Protection Rating	IP65 and IK10 (enclosure) / IK8 (touchscreen) / IP55 (connector)		
Housing Material	Standard: SGCC, Optional: SUS430		
Operating Altitude	Up to 2000 m		
Operating Temperature	-35 °C to +55 °C		
Storage Temperature	-40 °C to +80 °C		
Humidity	< 95%, non-condensing		
Mounting	Wall-mount or pedestal stand (Cable can be wrapped around the hanger)		
Dimensions (D x W x H) mm	150 x 280 x 400	240 x 360 x 600	240 x 360 x 600
Net Weight (kgs)	12.5	33	45
COMPLIANCE STANDARDS			
Codes & Standards	TR25:2022 (Charger: IEC 61851-1, IEC 61851-21-2; Connector: IEC 62196-1, IEC 62196-2)		

Product specifications are subject to change without further notice

PEV6500W-AP | 7KW~23KW

**IP65
Rated**

User Friendly

Touch Screen

**Commercial
7KW~23KW**

**EU Type 2
(IEC 62196-2)**


- Wall mounting type (pedestal mounting option available)
- IP65 and IK10 rated plastic enclosure; IP55 rated connector
- Dedicated LED status indicator light for each charging mode
- Multilingual support for 4.3" coloured touch screen LCD
- Supports OCPP 1.6 JSON network and 3G/4G
- Adapting OCPP network security protocol to implement the OTA feature
- Cloud network protocol verified by OCTT
- Linux 5.10 OS and CPU conformed with cybersecurity standards
- Singapore TR25:2022 charging standard compliance
- SGS certified and CE certification with ILAC-MRA endorsement
- Passed rigorous environmental and thermal shock tests from -35°C to 55°C to ensure the system reliability
- Customisable casing colour to complement its surrounding

Specifications

MODEL	PEV6507W-AP	PEV6511W-AP	PEV6521W-AP
Charging Type	Charging Mode 3		
Outlet Options	AC Type 2 (IEC 62196-2)		
Input/Output Current rating	32A, Single phase	16A, Three phase	32A, Three phase
Input/Output Power rating	7.7KW at 240VAC	11.5KW at 415VAC	23KW at 415VAC
Input/Output Voltage	220/230/240 VAC	380/400/415 VAC	380/400/415 VAC
Input Frequency	50 Hz or 60 Hz		
Number of EV Served	1		
Cable Length	5.0 m, Optional: 7.5 m		
Distribution Systems	Single Phase	TT,TN, Three Phase	TT,TN, Three Phase
Connector Type	1P + N + PE	3P + N + PE	3P + N + PE
Protection	Overcurrent, overvoltage, undervoltage, ground fault, integrated surge protection, over-temperature protection		
Energy Metering	Revenue grade energy meter		
Cellular Communication	GSM, 4G, LTE		
USER INTERFACE			
Connectivity	Ethernet (Rj 45), 4G / 3G or WiFi		
User Authentication	RFID		
User Interface	4.3" touchscreen LCD, Optional: 5" touchscreen		
Status indication	3 indicators		
Communication Protocols	OCPP 1.6j		
RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader		
Emergency Button	Yes		
CONFIGURATION			
Software Upgrade	Over-the-air (OTA)		
Language System	English, Chinese		
GENERAL CHARACTERISTICS			
Protection Rating	IP65 and IK10 (enclosure) / IK8 (touchscreen) / IP55 (connector)		
Housing Material	Plastic		
Operating Altitude	Up to 2000 m		
Operating Temperature	-35 °C to +55 °C		
Storage Temperature	-40 °C to +80 °C		
Humidity	< 95%, non-condensing		
Mounting	Wall-mount or pedestal stand (Optional)		
Dimensions (D x W x H) mm	110 x 282 x 407		
Net Weight (kgs)	7		
COMPLIANCE STANDARDS			
Codes & Standards	TR25:2022 (Charger: IEC 61851-1, IEC 61851-21-2; Connector: IEC 62196-1, IEC 62196-2)		

Product specifications are subject to change without further notice

PEV III 6500W-AP | 7KW~23KW

**IP65
Rated**

User Friendly

**Residential
7KW~23KW**

Mobile App
**EU Type 2
(IEC 62196-2)**


- Wall mounting type (pedestal mounting option available)
- IP65 and IK10 rated plastic enclosure; IP55 rated connector
- Dedicated LED status indicator light for each charging mode
- Multiple installation options with great flexibility
- Low cost of maintenance
- Real-time management of charging times and integration into smart grid programs
- Remote charging management via mobile app
- Time-of-use (TOU) charging control
- Singapore TR25:2022 charging standard compliance
- SGS certified and CE certification with ILAC-MRA endorsement
- Passed rigorous environmental and thermal shock tests from -35°C to 50°C to ensure the system reliability
- Customisable casing colour to complement its surrounding
- Built-in RDC-PD (AC 30mA+DC6mA) for leakage current protection

Specifications

MODEL	PEV III 6507W-AP	PEV III 6511W-AP	PEV III 6521W-AP
Charging Type	Charging Mode 3		
Outlet Options	AC Type 2 (IEC 62196-2)		
Input/Output Current rating	32A, Single phase	16A, Three phase	32A, Three phase
Input/Output Power rating	7.7KW at 240VAC	11.5KW at 415VAC	23KW at 415VAC
Input/Output Voltage	220/230/240 VAC	380/400/415 VAC	380/400/415 VAC
Input Frequency	50 Hz or 60 Hz		
Number of EV Served	1		
Cable Length	5.0 m, Optional: 7.5 m		
Distribution Systems	Single Phase	TT,TN, Three Phase	TT,TN, Three Phase
Connector Type	1P + N + PE	3P + N + PE	3P + N + PE
Protection	Overcurrent, overvoltage, undervoltage, ground fault, integrated surge protection, leakage current, over-temperature protection		
Energy Measure	Yes (mobile app)		
USER INTERFACE			
Connectivity	Wi-Fi/ Bluetooth (optional)		
Status indication	Coloured status indicator		
GENERAL CHARACTERISTICS			
Protection Rating	IP65 and IK10 (enclosure) / IP55 (connector)		
Housing Material	Plastic		
Operating Altitude	Up to 2000 m		
Operating Temperature	-35 °C to +50 °C		
Storage Temperature	-40 °C to +80 °C		
Humidity	< 95%, non-condensing		
Mounting	Wall-mount or pedestal stand (Optional)		
Dimensions (D x W x H) mm	73 x 190 x 270		
Net Weight (kgs)	2.9	3.2	4.2
COMPLIANCE STANDARDS			
Codes & Standards	TR25:2022 (Charger: IEC 61851-1, IEC 61851-21-2; Connector: IEC 62196-1, IEC 62196-2)		

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Connect your life.

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