



X-MILES
UNLIMITED CHARGING



SMART EV CHARGING

AC
CHARGER

DC
CHARGER

UNLIMITED CHARGING FOR INFINITE MILES



Residential



Condominium



Commercial
&
Industrial



Gas Station



Fleet



Parking

CONTENTS

AC Charger

XMT-EVH003	05
XMT-EVL008	07
XMT-EVM007	09
XMT-EVM008	11
M-Series	13
XMT-AU-PE-13L	15

DC Charger

XMT-EVD002-S 20/30/40kW	19
XMT-EVD002-D 40/60kW	21
XMT-EVD003 60/80/120/160kW	23
XMT-EVD100 60/80/120/160/180/240kW	25
XMT-EVD100AD 60/80/120/160/180/240kW	27
XMT-EVD002HP 360/480kW	29

ESSC Storage Charger

ESSC-HY5-EV7-BATx	33
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ABOUT US

X-MILES is the first local manufacturer in Malaysia specializing in EV Chargers and Energy Storage Chargers (ESC). With a strong commitment to innovation and sustainability, we design, develop, and produce high-quality AC Chargers, DC Chargers, and ESSC battery systems that provide efficient and reliable energy solutions for residential, commercial, and industrial applications.

Our Expertise

Beyond manufacturing industry-leading EV Chargers and ESC systems, X-MILES also excels in pedestal fabrication and rooftop design for ESC EV Chargers, ensuring seamless integration into diverse environments. Our solutions are crafted to meet the evolving demands of the energy and automotive industries, providing advanced charging infrastructure for the future of electric mobility.

Commitment to Quality & Innovation

At X-MILES, we prioritize excellence in design, performance, and reliability. Our team of skilled professionals continuously develops new technologies to push boundaries, ensuring our products meet the highest industry standards while delivering sustainable energy solutions electric mobility.





AC
CHARGER

AC CHARGER

HOME



BUSINESS



HOME



EVSmart AC Charging **XMT-EVH003**

(7/11/22kW)

FLEXIBLE CHARGING POWER

- Compact design with Plug & Charge Socket charging capabilities up to 22kW.

ENHANCED ELECTRICAL SAFETY

- Features integrated RCD (AC 30mA + DC 6mA).
- PEN protection.

FIT OVER 99.5% OF POPULAR CAR MODELS

- Based on AI algorithm, it adaptively matches mainstream electric models for worry-free charging.

INTELLIGENT CHARGING

- Plug and Charge.

APPLICATIONS

 Residential  Workplace



SPECIFICATIONS

XMT-EVH003

POWER

Input Rating	230V±10% (Single-Phase)	400V±10% (Three-Phase)
Output Current & Power	7kW (32A)	11kW (16A) / 22kW (32A)
Power Wiring	L / N / PE	L1 / L2 / L3 / N / PE
Input Cord	Hardwire	
Mains Frequency	50 / 60 Hz	
Connector Point	IEC 62196-2 Compliant, Type 2 socket	
Ground Fault Detection	Built-in RCD (AC 30mA + DC 6mA)	
Protection	UVP, OVP, RCD, SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protection	

USER INTERFACE

Status Indication	LED Indication
Connectivity	Bluetooth, Wi-Fi 4, Ethernet
User Authentication	Plug & Charge
Software Update	OTA

CERTIFICATION & STANDARDS

Safety & Compliance	EN 62196-2:2017-06, EN IEC 61851-1:2019-10, EN IEC 61851-21-2:2021-09, EN 62196-1:2015-05, EN 61008-1 and IEC 62955
Warranty	24 months

GENERAL

Enclosure Rating	IP54, IK08
Operating Altitude	< 2000m
Operating Temperature	-30°C ~ +50°C
Operating Humidity	5~95%
Mounting	Wall-mounted / Pedestal-mounted
Colour	Grey
Product Dimensions (H x W x D)	380mm * 280mm * 158mm
Package Dimensions (H x W x D)	500mm * 345mm * 230mm



HOME



EVSmart AC Charging **XMT-EVL008**

(7/11/22kW)

FIT OVER 99.5% OF POPULAR CAR MODELS

- Based on AI algorithm, it adaptively matches mainstream electric models for worry-free charging.

MULTI-SCENE INTELLIGENT CHARGING

- 4 charging methods: Plug & Charge, APP, RFID card and OCPP control.

LEAN OPERATION MANAGEMENT OF VEHICLE, CHARGING STATIONS AND PLATFORMS

- Compatible with 50+ CPO platforms worldwide, OCPP 1.6J / OCPP 2.0.1 connect your EV Charger to the cloud.

SMART DYNAMIC LOAD BALANCING BY OCPP

- Intelligent adjustment of power output according to power grid load fluctuations, providing all-round protection of vehicles.

REMOTE OTA UPGRADE

- Device firmware, software, can be upgraded remotely via OTA.

POWERFUL APP CONFIGURATION AND DIAGNOSTIC FEATURES

- Complete device configuration via APP, local card management, etc.

APPLICATIONS

 Residential  Workplace



SPECIFICATIONS

XMT-EVL008

POWER

Input Rating	230V±10% (Single-Phase)	400V±10% (Three-Phase)
Output Current & Power	7kW (32A)	11kW (16A) / 22kW (32A)
Power Wiring	L / N / PE	L1 / L2 / L3 / N / PE
Input Cord	Double Insulated Cable	
Mains Frequency	50 / 60 Hz	
Connector Point	IEC 62196-2 Compliant, Type 2 with 5m cable / 7m (Optional)	
Ground Fault Detection	Built-in RCD (AC 30mA + DC 6mA)	
Protection	UVP, OVP, RCD, SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protection	

USER INTERFACE

Status Indication	LED Indication
User Interface	Home App
Connectivity	Bluetooth, Wi-Fi 4, Ethernet, 4G (Optional)
Communication Protocols	OCPP 1.6J & OCPP 2.0.1
Pile Group Management	CT-Clamp, CT-Box
User Authentication	Plug & Charge, RFID Card, APP, OCPP
Card Reader	ISO 14443 A/B
Software Update	OTA

CERTIFICATION & STANDARDS

Safety & Compliance	EN 62196-2:2017-06, EN IEC 61851-1:2019-10, EN IEC 61851-21-2:2021-09, EN 62196-1:2015-05, EN 61008-1 and IEC 62955
Certification	CE
Warranty	24 months

GENERAL

Enclosure Rating	IP65, IK10
Operating Altitude	< 2000m
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-40°C ~ +85°C
Operating Humidity	5~95%
Mounting	Wall-mounted / Pedestal-mounted
Colour	White
Product Dimensions (H x W x D)	297.2mm * 208.3mm * 100.58mm
Package Dimensions (H x W x D)	430mm * 305mm * 210mm (Cable)



BUSINESS

EVSmart AC Charging **XMT-EVM007**

(7/11/22kW)

DUAL-PORT DESIGN WITH FLEXIBLE POWER OPTIONS

- Come with dual ports support 7kW / 11kW / 22kW output. Compatible with single and three-phase systems for maximum deployment flexibility.

SMART CONNECTIVITY & INTEROPERABILITY

- Supports OCPP 1.6J & 2.0.1, with optional ISO 15118 (Plug & Charge). Enables seamless backend integration and future-proof smart charging capabilities.

MULTI-LAYER AUTHENTICATIONS & ACCURATE BILLING

- Offers multiple access options - RFID, QR code and credit card. Optional MID-certified energy meter ensures compliant and precise energy tracking for public or semi-public installations.

USER-CENTRIC INTERFACE & LIGHTING DESIGN

- Equipped with a 7-inch OTA-upgradable touchscreen and ambient lighting at the gun socket and pole top - enhancing visibility and ease of use especially at night.

APPLICATIONS



- Retail
- Shopping Center
- Hospitality



- Working Place
- Commercial Building
- Parking Operators



SPECIFICATIONS

XMT-EVM007

POWER

Input Rating	230V±10% (Single-Phase)	400V±10% (Three-Phase)
Output Current & Power	7kW (32A)	11kW (16A) / 22kW (32A)
Power Wiring	L / N / PE	L1 / L2 / L3 / N / PE
Mains Frequency	50 / 60 Hz	
Connector Point	Type 2 with 5m cable	
Changing Outlet	2 * Type 2 Cable	
Ground Fault Detection	Built-in RCD (AC 30mA + DC 6mA)	
Protection	Over current protection, Short-circuit protection, Residual current protection, Surge protection, Over/Under voltage protection, Over temperature protection	
Meter	MID Meter	
Type of Protection Against Electric Shock	Class I equipment	
EMC Class	Class B	
Grounding system support	TT, TN, IT	

USER INTERFACE

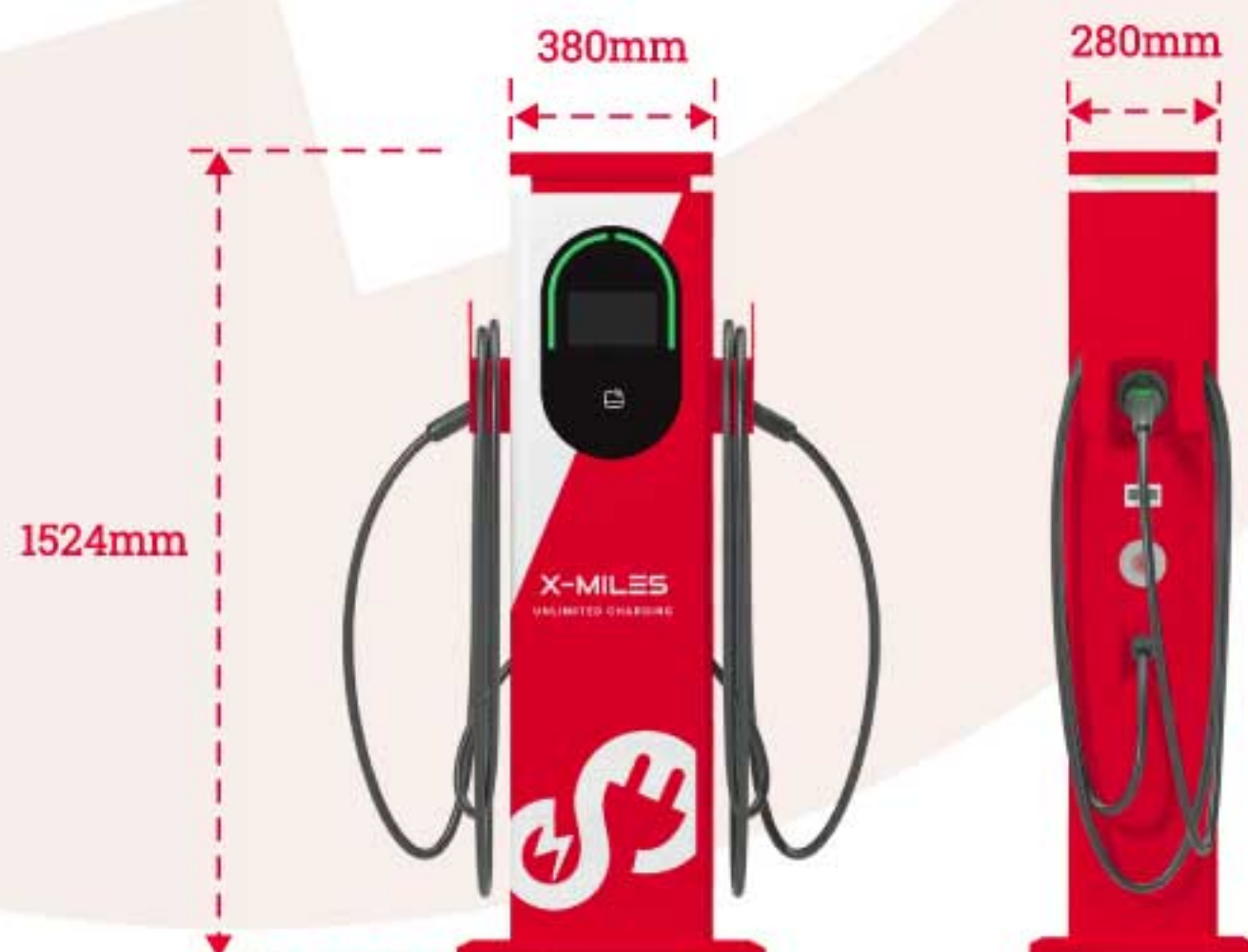
Status Indication	LED Indication (Green / Blue / Red)
User Interface	Compatible with multiple CPOs
Connectivity	Bluetooth, Wi-Fi 6 (2.5G & 5GHz), Ethernet, 4G LTE
Communication Protocols	OCPP 1.6J
Pile Group Management	Dynamic Load Balancing, CT-Clamp, CT-Box
User Authentication	Plug & Charge, RFID Card, APP, OCPP 1.6 / 2.0.1, Credit Card (Optional)
Card Reader	ISO 14443 A/B, Mifare
Charging Mode	Mode 3
POS machine	Optional

CERTIFICATION & STANDARDS

Safety & Compliance	EN 62196-2:2017-06, EN IEC 61851-1:2019-10, EN IEC 61851-21-2:2021-09 EN 62196-1:2015-05, EN 61008-1 and IEC 62955
Certification	CE
Warranty	24 months

GENERAL

Enclosure Rating	IP65, IK10, IK8 (for screen) / steel
Operating Altitude	<2000m
Operating Temperature	-30°C ~ +55°C
Operating Humidity	5~95%
Mounting	Stand
Product Dimensions (H x W x D)	1524mm * 380mm * 280mm



BUSINESS

EVSmart AC Charging **XMT-EVM008**

(7/11/22kW)



VERSATIVE POWER & INSTALLATION OPTIONS

- Compact design with 7kW / 11 kW / 22kW output. Compatible with both single-phase and three-phase power system - Ideal for various commercial scenarios.

SMART PLATFORM INTEGRATION & AUTHENTICATION

- Support OCPP 1.6J & 2.0.1 for backend connectivity, with optional ISO 15118 (Plug & Charge). Offers flexible authentication via RFID or QR code scanning.

BUILT FOR ACCURACY, SAFETY & EASY MAINTENANCE

- Optional MID-certified energy meter ensures precise billing. Integrated optional circuit breaker simplifies post-installation maintenance and improves electrical safety.

INTUITIVE USER INTERFACE & EASY CONFIGURATION

- Features a 4.3" touchscreen with ambient light sensor for optimal visibility. Quick setup via web or PC-based configuration tools enables fast deployment and diagnostics.

APPLICATIONS



- Retail
- Shopping Center
- Hospitality



- Working Place
- Commercial Building
- Parking Operators



SPECIFICATIONS

XMT-EVM008

MODEL

Input Rating	230V±20% (Single-Phase)	400V±20% (Three-Phase)
Output Current & Power	7kW (32A)	11kW (16A) / 22kW (32A)
Power Wiring	L / N / PE	L1 / L2 / L3 / N / PE
Mains Frequency	50 / 60 Hz	
Connector Point	Type 2 with 5m cable	
RCCB	TypeA 40A	
RCD	30mA AC + 6mA DC	
Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over temperature protection	
Meter	With MID Meter (Optional)	
Type of Protection Against Electric Shock	Class I equipment	
EMC Class	Class B	
Grounding system support	TT, TN	

USER INTERFACE

Status Indication	LED Indication (Green / Red)
RFID Reader	Support ISO 14443 A/B, Mifare
Display	4.3 inch touch screen with ambient light sensor for adjustable screen brightness
Communication Protocols	OCPP 1.6J & OCPP 2.0.1
Start Mode	Plug & Charge, RFID Card, App (with 3rd CPO)
Charging Mode	Mode 3
WiFi	WIFI 4 (2.4GHz), WIFI 6 (2.4G & 5G) Optional
4G	4G LTE (Optional)
Ethernet & Bluetooth	Yes

GENERAL

Ingress Protection	IP65
Impact Protection / Enclosure	IK10 IK8 (for screen) / PC & Tempered Glass
Operating Altitude	<2000m
Operating Temperature	-30°C ~ +55°C
Operating Humidity	5~95%
Mounting	Wall-mounted / Pedestal-mounted
Product Dimensions (H x W x D)	454mm * 286mm * 162mm



BUSINESS

EVSmart Advertising AC Charging **M-Series**

(44kW)



FLEXIBLE CHARGING POWER

- Compact design with charging capabilities up to 44kW.

ENHANCED ELECTRICAL SAFETY

- Features integrated RCD (AC 30mA + DC 6mA).
- PEN protection.

MULTI-SCENE INTELLIGENT CHARGING

- Plug and Charge / OCPP control three charging methods, independent authorisation, not afraid of being stolen.

FUTURE-PROOF CONNECTIVITY

- OCPP 1.6J compliant and successfully integrated with over 60 third-party platforms.




SMART DYNAMIC LOAD BALANCING

- Intelligent adjustment of power output according to power grid load fluctuations, providing all-round protection of vehicles.

USER INTERFACE

- 42-inch advertisement screen for more innovation advertising and revenue.

APPLICATIONS

 Residential  Workplace  Commercial and Industrial



SPECIFICATIONS

M-Series

POWER

Input Rating	400V±15% (Three-Phase)
Output Current & Power	44kW (64A)
Power Wiring	3P+N+PE
Mains Frequency	50 / 60 Hz
Connector Point	IEC 62196-2 Compliant, Type 2 with 5m cable
Changing Outlet	2 * Type 2 Cable
RCCB	TypeA 40A
Ground Fault Detection	Built-in RCD (AC 30mA Type A + DC 6mA)
Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over temperature protection

USER INTERFACE

Screen	42" Screen
Language	English
Connectivity	Wi-Fi, Ethernet, 4G, OCPP 1.6J & OCPP 2.0.1
Communication Protocols	Compatible with multiple CPOs
Function Available	CT-Clamp
User Authentication	Plug & Charge, CPOs
Card Reader	ISO 14443 A/B
Software Update	OTA

GENERAL

Enclosure Rating	IP42; IK8	IP54; IK10
Housing Material / Enclosure	Mild-steel	
Operating Altitude	< 2000m	
Operating Temperature	-30°C ~ +55°C	
Operating Humidity	5~95%	
Colour	Red	
Product Dimensions (W x H x D)	1850mm * 720mm * 300mm	



HOME

Type 2 Mobile Charging

XMT-AU-PE-13L

(2.8kW)



REAL-TIME STATUS AT A GLANCE

- Stay informed with intuitive LED indicators to show charger's current working state instantly.

CUSTOMIZABLE POWER OUTPUT

- Select from 4 current levels (6A, 8A, 10A, 13A) to match your vehicle and charging environment - maximizing safety and efficiency.

APPLICATIONS

 Residential



SPECIFICATIONS

XMT-AU-PE-13L

POWER

Input Rating	95V~270V
Maximum Power	2.8kW
Maximum Current	13A
Adjustable Current	6A, 8A, 10A, 13A
Connector Point	Type 2 to UK 3-Pin Plug
Mains Frequency	50 / 60 Hz
Ground Fault Detection	Built-in RCD (AC 30mA Type A)
Protection	Leakage Protection, Under-voltage Protection, Lighting Protection, Over-voltage Protection, Overload Protection, Over-temperature Protection

USER INTERFACE

Status Indication	LED Indication
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CERTIFICATION & STANDARDS

Certification	CE
Compliance	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-21-1:2017, IEC 61851-21-1:2017, EN 61851-22-2002, EN 62752:2016+a1:2020, IEC 62752:2016+A1:2018, EN IEC 62196-1:2022, EN IEC 62196-2:2022, EN 17186:2019
Warranty	24 months

GENERAL

Protection Degree	IP67 (function box)
Cable Jacket	TPU
Operating Temperature	-30°C ~ +50°C
Operating Humidity	5%~95%RH
Mounting	Mobile or Wall-mounted
Colour	Black
Product Dimensions (H x W x D)	192.2mm * 72.2mm * 53.8mm
Weight	1.6 kg



X-MILES
UNLIMITED CHARGING



DC
CHARGER

DC CHARGER

BUSINESS



BUSINESS



EVSmart DC Charging

XMT-EVD002-S

(20/30/40kW)

CHARGING POWER

- Wider DC voltage range 400v to 1000v at 30kW constant output power per module, faster charging efficiency.

FUTURE-PROOF CONNECTIVITY

- OCPP 1.6J compliant and successfully integrated with over 60 third-party platforms.

PREMIUM COMPONENTS FOR RELIABILITY

- Uses high-quality parts from top global brands.
- Epoxy-sealed power modules for durability against dust, salty air, and harsh conditions.
- Built-in temperature detector for enhanced safety.

QUIET OPERATION

- Low noise design ensures a comfortable user experience in any environment.



COST-EFFECTIVE MAINTENANCE

- Standard column configuration reduces installation costs.
- Easy maintenance with button trip shutters and side module access.

USER INTERFACE

- Multilingual support 7-inch coloured touch LCD.

APPLICATIONS

-  Commercial  Gas Station  Fleet  Parking



SPECIFICATIONS

XMT-EVD002-S

POWER		XMT-EVD002-S/20E/MY	XMT-EVD002-S/30E/MY	XMT-EVD002-S/40E/MY
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE		
	Input Voltage Range	400V±10%		
	Input Frequency	50Hz or 60Hz		
	AC Input Power	32A, 22kVA	48A, 33kVA	64A, 44kVA
DC Output	Maximum Power	20kW	30kW	40kW
	Charging Outlet	1 * CCS2 cable		
	Cable Maximum Current	80A	100A	
	Cooling Method	Air-cool		
	Cable Length	4.5 Meter		
	DC Output Voltage	200-1000 Vdc		
	Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, grounding protection, overtemp protection		
Power Factor (Full Load)	≥ 0.98			
Efficiency (peak)	≥ 95%			
USER INTERFACE				
User Interface	7" LCD high-contrast touchscreen			
Language System	English (Other languages available upon request)			
Local Authentication	Plug & Charge / RFID / QR Code			
Emergency Button	Yes			
Internet Connectivity	Ethernet, 4G, WiFi			
LIGHT CODES				
Standby Power	Solid Green			
Charging	Green Blinking			
Finish Charging	Solid Green			
Fault	Solid Red			
ENVIRONMENTAL				
Operating Temperature	-25°C to +50°C			
Storage Temperature	-40°C to +70°C			
Humidity	< 95%, non-condensing			
Operating Altitude	Up to 2000m			
MECHANICAL				
IP/IK Rating	IP54 and IK10 (excluding touch screen & RFID cover)			
Operating Noise Level	≥ 65dB			
Cabinet Material	stainless 430 steel			
Screen Material	temper glass			
Packing Material	wooden case			
Mounting	wall-mount or pedestal stand			
Anti-theft Lock Design	Key Lock			
Mounting Auxiliary Handle	Yes			
Dimension (H x W x D)	560mm * 700mm * 225mm (Pedestal not included)			
Net Weight (kg)	42			
Warranty	24 months			
Safety	IEC 61851-1, IEC 61851-23			
EMC	IEC 61851-21-2			
Protocol	EV Communication	IEC 61851-24		
	Backend Support	OCPP 1.6 (Can be upgraded to OCPP 2.0.1 later)		
	DC Connector	IEC 62196-3		
	RFID Authentication	ISO 14443 A		



BUSINESS

EVSmart DC Charging

XMT-EVD002-D

(40/60kW)



FUTURE-PROOF CONNECTIVITY

- OCPP 1.6J compliant and successfully integrated with over 60 third-party platforms.
- Easily upgradable to OCPP 2.0.1

PREMIUM COMPONENTS FOR RELIABILITY

- Uses high-quality parts from top global brands.
- Epoxy-sealed power modules for durability against dust, salty air, and harsh conditions.
- Built-in temperature detector for enhanced safety.

QUIET OPERATION

- Low noise design ensures a comfortable user experience in any environment.

COST-EFFECTIVE MAINTENANCE

- Standard column configuration reduces installation costs.
- Easy maintenance with button trip shutters and side module access.

USER INTERFACE

- Multilingual support 7-inch coloured touch LCD.

APPLICATIONS

-  Commercial  Gas Station  Fleet  Parking



SPECIFICATIONS

XMT-EVD002-D

POWER		XMT-EVD002-D/40E/MY	XMT-EVD002-D/60E/MY
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE	
	Input Voltage Range	400V±10%	
	Input Frequency	50Hz or 60Hz	
	AC Input Power	64A, 44kVA	96A, 66kVA
	Power Factor (Full Load)	≥ 0.98	
DC Output	Maximum Power	40kW	60kW
	Charging Outlet	2 * CCS2 cable	
	Cable Maximum Current	150A	
	Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, grounding protection, overtemp protection	
	Cable Length	4.5 Meter	
	DC Output Voltage	200-750 Vdc (Constant power from 400-750 Vdc)	
	THDi / Efficiency (peak)	≤ 5% / ≥ 95%	

USER INTERFACE

User Interface	7" touch screen, LED Indication
Language System	English (Others languages available upon request)
Local Authentication	Plug & Charge / RFID / QR Code
Emergency Button	Yes
Internet Connectivity	Ethernet, 4G, WiFi
Communication Protocols	OCPP 1.6J
Card Reader	ISO 14443 A
Software Update	OTA

GENERAL

Operating Noise Level	≤ 65dB (at 1m distance at 25°C on front door, at full power)
Enclosure Rating	IP55 and IK10 (excluding touchscreen & RFID cover)
Operating Altitude	< 2000m
Operating Temperature	-30 C to +50°C
Storage Temperature	-40°C to +70°C
Operating Humidity	5~95%
Colour	Grey+Black / White
Dimension (H x W x D)	1650mm * 850mm * 420mm

ACCORDING TO STANDARDS

Safety & Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, IEC 62196-3, IEC 61851-24, DIN 70121 & ISO 15118
Certification	CE
Warranty	24 months



BUSINESS

EVSmart DC Charging **XMT-EVD003**

(60/80/120/160kW)



COMPACT & FLEXIBLE CHARGING SOLUTION

- A compact, all-in-one charger ranging from 60kW to 160kW.
- Load balancing options: 0/160kW, 40/120kW, 80/80kW, 120/40kW, 160/0kW for optimal performance.

ADVANCED MANAGEMENT & CONNECTIVITY

- Manages the charger with OCPP1.6 & 2.0.1 functions.
- Flexible configurations with CCS2 dual and CCS+GB/T-dual outlet for diverse need.
- Support DIN70121 and ISO 15118 Plug & Charge.

REMOTE MONITORING & HIGH PROTECTION

- 24/7/365 remote monitoring and diagnostic capabilities.
- IP55 protection ensure reliability in various conditions.

HIGH EFFICIENCY

- Achieves up to 96% charging efficiency at peak performance.

USER INTERFACE

- 10-inch touchscreen LCD.

APPLICATIONS

-  Commercial  Gas Station  Fleet  Parking



SPECIFICATIONS

XMT-EVD003

POWER		XMT-EVD003/060E/MY	XMT-EVD003/080E/MY	XMT-EVD003/120E/MY	XMT-EVD003/160E/MY
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE			
	Input Voltage Range	400V±15%			
	Input Frequency	50Hz or 60Hz			
	AC Input Power	92A, 65kVA	124A, 87kVA	186A, 130kVA	248A, 174kVA
	Power Factor (Full Load)	≥ 0.99			
DC Output	Maximum Power	60kW	80kW	120kW	160kW
	Charging Outlet	2 * CCS2 cable / 1 * CCS2 cable + 1 * GBT cable			
	Cable Maximum Current	200A	250A/300A (Optional)		
	Cooling Method	Air-cool			
	Cable Length	4.5 Meter / 5 Meter (Optional)			
	DC Output Voltage	200-1000 Vdc (Constant power from 300-1000Vdc)			
	Efficiency (peak)	≥ 96%			
USER INTERFACE					
User Interface	10" LCD high-contrast touchscreen				
Language System	English / French / Spanish				
Local Authentication	Plug & Charge / RFID / QR Code / Credit Card (Optional)				
Emergency Button	Yes				
Internet Connectivity	Ethernet, 4G, WiFi				
LIGHT CODES					
Standby Power	Solid Green				
Charging	Blue Breathing				
Finish Charging	Solid Blue				
Reservation Charging	Solid Yellow				
Device Unavailable	Yellow Blinking				
OTA	Yellow Blinking				
Fault	Solid Red				
ENVIRONMENTAL					
Operating Temperature	-25°C to +50°C				
Storage Temperature	-40°C to +70°C				
Humidity	< 95%, non-condensing				
Operating Altitude	Up to 2000m				
ACCORDING TO STANDARDS					
Safety	IEC 61851-1, IEC 61851-23				
EMC	IEC 61851-21-2				
Protocol	EV Communication	IEC 61851-24, DIN 70121 & ISO15118-2			
	Backend Support	OCPP 1.6 (Can upgraded to OCPP 2.0.1)			
	DC Connector	IEC 62196-3, GB/T 20234.3			
	RFID Authentication	ISO 14443 A/B			



BUSINESS

EVSmart DC Charging

XMT-EVD100

(60/80/120/160/180/240kW)



FUTURE PROOF CONNECTIVITY

- OCPP 1.6J compliant and successfully integrated with over 60 third-party platforms.
- Easy upgradable to OCPP 2.0.1

PREMIUM COMPONENTS FOR RELIABILITY

- Uses high-quality parts from top global brands.
- Epoxy-sealed power modules for durability against dust, salty air, and harsh conditions.
- Build-in temperature detector for enhanced safety.

QUIET OPERATION

- Low noise design ensures a comfortable user experience in any environment.





COST-EFFECTIVE MAINTENANCE

- Standard column configuration reduces installation costs.
- Easy maintenance with button trip shutters and side module access.

USER INTERFACE

- 10-inch touchscreen LCD.

APPLICATIONS

-  Commercial  Gas Station  Fleet  Parking



SPECIFICATIONS

XMT-EVD100

POWER		XMT-EVD100/ 060E/MY	XMT-EVD100/ 080E/MY	XMT-EVD100/ 120E/MY	XMT-EVD100/ 160E/MY	XMT-EVD100/ 180E/MY	XMT-EVD100/ 240E/MY
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE					
	Input Voltage Range	400V±10%					
	Input Frequency	50Hz or 60Hz					
	Power Factor (Full Load)	≥ 0.99					
DC Output	Maximum Power	60kW	80kW	120kW	160kW	180kW	240kW
	Charging Outlet	2 * CCS2 cable					
	Cable Maximum Current	200A	250A	250A	300A	300A	300A
	Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, DC leakage protection, grounding protection, overtemp protection					
	Cable Length	4.5 Meter					
	DC Output Voltage	200-1000 Vdc (Constant power from 300-1000 Vdc)					
	THDi / Efficiency (peak)	≤ 5% / ≥ 95%					

USER INTERFACE

User Interface	10" LCD high-contrast touchscreen
Language System	English (Others languages available upon request)
Local Authentication	Plug & Charge / RFID / QR Code / Credit Card (Optional)
Emergency Button	Yes
Internet Connectivity	Ethernet, 4G, WiFi
Communication Protocols	OCPP 1.6J
Card Reader	ISO 14443 A
Software Update	OTA

GENERAL

Operating Noise Level	≤ 65dB (at 1m distance at 25°C on front door, at full power)
Enclosure Rating	IP55 and IK10 (excluding touchscreen & RFID cover)
Operating Altitude	< 95%, non-condensing
Operating Temperature	< 2000m
Storage Temperature	-30 C to +50°C
Storage Temperature	-40°C to +70°C
Operating Humidity	5~95%
Colour	Grey+Black / White
Dimension (H x W x D)	1815mm * 750mm * 520mm

ACCORDING TO STANDARDS

Safety & Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, IEC 62196-3, IEC 61851-24, DIN 70121 & ISO 15118
Certification	CE
Warranty	24 months



BUSINESS



EVSmart DC Charging **XMT-EVD100AD**

(60/80/120/160/180/240kW)

FLEXIBLE CHARGING SOLUTION

- Flexible power module design, upgradeable to 240kW.

ADVANCED MANAGEMENT & CONNECTIVITY

- Manages the charger with OCPP1.6 & 2.0.1 functions.
- Highly intergrated power electronics in an ultra-compact design.

REMOTE MONITORING & HIGH PROTECTION

- On-screen QR code for following the charging status on your mobile phone.
- IP55 protection, IK10 vandal-proof efficiency at peak performance.

HIGH EFFICIENCY

- Achieves up to 96% charging efficiency at peak performance.

USER INTERFACE

- 32-inch advertisement screen for more innovation advertising and revenue.

APPLICATIONS

-  Commercial  Gas Station  Fleet  Parking



SPECIFICATIONS

XMT-EVD100AD

POWER		XMT-EVD100AD/ 060E/MY	XMT-EVD100AD/ 080E/MY	XMT-EVD100AD/ 120E/MY	XMT-EVD100AD/ 160E/MY	XMT-EVD100AD/ 180E/MY	XMT-EVD100AD/ 240E/MY
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE					
	Input Voltage Range	400V±10%					
	Input Frequency	50Hz or 60Hz					
	AC Input Power	92A, 64kVA	124A, 86kVA	186A, 129kVA	248A, 172kVA	279A, 193kVA	372A, 258 kVA
	Power Factor (Full Load)	≥ 0.99					
DC Output	Maximum Power	60kW	80kW	120kW	160kW	180kW	240kW
	Charging Outlet	2 * CCS2 cable					
	Cable Maximum Current	200A	250A	300A	300A	350A	350A
	Cooling Method	Air-cool					
	Cable Length	4.5 Meter / 7 Meter (Optional)					
	DC Output Voltage	150-1000 Vdc (Constant power from 320-1000 Vdc)					
	THDi / Efficiency (peak)	≤ 5% / ≥ 95%					
USER INTERFACE							
User Interface		32" Advertisement screen and 10" LCD high-contrast touchscreen					
Language System		English (Others languages available upon request)					
Local Authentication		RFID / QR Code / Credit Card (Optional)					
Emergency Button		Yes					
Internet Connectivity		Ethernet, 4G, WiFi					
LIGHT CODES							
Standby Power		Solid Green					
Charging		Green Blinking					
Finish Charging		Solid Green					
Fault		Solid Red					
ENVIRONMENTAL							
Operating Temperature		-25°C to +50°C					
Storage Temperature		-40°C to +70°C					
Humidity		< 95%, non-condensing					
Operating Altitude		Up to 2000m					
MECHANICAL							
IP/IK Rating		IP55 and LK10 (cabinet) / IK08 (touchscreen)					
Operating Noise Level		≤ 65dB					
Cabinet Material		Stainless 430 steel					
Screen Material		temper glass					
Packaging Material		wooden case					
Anti-theft Lock Design		Key Lock					
Dimension (H x W x D)		1815mm * 750mm * 520mm					
Warranty		24 months					
ACCORDING TO STANDARDS							
Safety		IEC 61851-1, IEC 61851-23					
EMC		IEC 61851-21-2					
Protocol	EV Communication	IEC 61851-24, DIN 70121 & ISO 15118-2					
	Backend Support	OCPP 1.6 (Can upgraded to OCPP 2.0.1)					
	DC Connector	IEC 62196-3					
	RFID Authentication	ISO 14443 A/B					



BUSINESS

EVSmart DC Charging

XMT-EVD002HP

(360/480kW)



CHARGING OUTPUT

- Charge 4 Vehicle simultaneously with up to 480kW of power.
- Dynamic DC power sharing.





SMART CHARGING

- Self-adaptive to OCPP 1.6J and OCPP 2.0.1 upgradable.
- Charging standard develop from ISO 15118-2 & DIN 70121.

USER INTERFACE

- 7-inch intuitive touch screen LCD, daylight readable.
- Energy Management via OCPP Smart Charging Profile.

APPLICATIONS

-  Commercial  Gas Station  Fleet  Parking



SPECIFICATIONS

XMT-EVD002HP

POWER		XMT-EVD002HP/360E	XMT-EVD002HP/480E
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE	
	Input Voltage Range	400V±15%	
	Input Frequency	50Hz or 60Hz	
	AC Input Power	564A, 391kVA	745A, 516kVA
	Efficiency (peak)	>94.5% Full Load (Peak)	
DC Output	Maximum Power	360kW max. / connector	480kW max. / connector
	Number of Outputs	4 Max.	
	Charging Outlet	CCS2 cable	
	Cooling Method	Air-cool	
	Cable Maximum Current	300A (400A max.) / connector	
	DC Output Voltage	150-1000V	
	Cable Length	5 Meter	
USER INTERFACE			
User Authentication		Auto charge / RFID / QR code / Credit Card (Optional)	
User Interface		7" LCD high-contrast touchscreen	
Internet Connectivity		Ethernet, 4G, WiFi	
LIGHT CODES			
Standby Power		Solid Green	
Charging		Green Blinking	
Finish Charging		Solid Green	
Fault		Solid Red	
ENVIRONMENTAL			
Operating Temperature		-25°C to +65°C (Derating operation over 50°C)	
Storage Temperature		-40°C to +70°C	
Humidity		< 95%, non-condensing	
Operating Altitude		< 2000m	
Operating Noise Level		<70dB at 1 m distance @ 25°C on front door, at full power	
GENERAL CHARACTERISTICS			
Enclosure Rating		IP55 and IK10 (cabinet) / IK08 (touchscreen)	
Cabinet Material		stainless 430 steel	
Screen Material		Temper glass	
Dimension (H x W x D)	Power Cabinet	1890mm * 1600mm * 1000mm	
	Charge Post	1870mm * 580mm * 540mm	
Warranty		24 months	
ACCORDING TO STANDARDS			
Safety		IEC 61851-1, IEC 61851-23	
EMC		IEC 61851-21-2	
Protocol	EV Communication	IEC 61851-24, DIN 70121 & ISO 15118-2	
	Backend Support	OCPP 1.6 (Can upgraded to OCPP 2.0.1)	
	DC Connector	IEC 62196-1, IEC 62196-3	





ESSC

ENERGY STORAGE SYSTEM CHARGER



HOME

Energy Storage with AC Charger **ESSC-HY5-EV7-BATx**



MODULAR DESIGN

- Integrated structural design convenient installation.
- Flexible configuration and deployment.

INTEGRATION OF EV CHARGING

- Flexible charging energy sources (Grid, PV, Batteries) for EVs
- Multiple charging option such as App, NFC, appointment, etc.

NO WORRIES ABOUT ELECTRICITY USAGE

- Switching between grid connection and off grid.
- 24-hour uninterrupted power supply for critical loads.

ENERGY SAVING

- Integration of PV, energy storage and EV charging.
- The electricity generated by PVs can be used by users or sold to power companies.

SAFE AND RELIABLE

- High quality LiFePO4 battery cells.
- BMS inside.
- High safety and reliability.

APPLICATIONS

 Residential



SPECIFICATIONS

ESSC-HY5-EV7-BATx

ESSC-HY5-EV7-BATx

PCS Power (kW)	5	PV Max. Input Voltage (V)	500
EV Charge Module (kW)	7	Grid Voltage (V)	220/230/240
Battery Type	LiFePO4	Communication	Wi-Fi/485/CAN
Operating Frequency (Hz)	50/60	Dimensions (H x W x D)	1530mm * 580mm * 370mm (15kWh)
Phase Number	Single-phase	Protection Type	IP65
Operating Temp. Range (°C)	-25 ~ 60	Installation	No Connector Stacking
APP	√	Work Altitude (m)	<2000
Relative Humidity	<95%	Weight (kg)	300

PCS MODULE

Max Continuous Charging Current (A)	95	Rated Power (kW)	5
Max. Battery to AC Efficiency	95%	Nominal Output Voltage (V)	220/230/240
MPPT Efficiency	99.99%	Nominal Output Frequency (Hz)	50/60
MPPT Operating Voltage Range (V)	120 ~ 430	Noises	<35dB
Number of MPP Trackers	2	Cooling Method	Natural Cooling

EV CHARGER MODULE

Maximum Power	7kW / 32A / 230VAC	Overload Protection	√
Electricity Source	PV / Battery / Grid	Over / Under Voltage Protection	√
Dimension (H x W x D)	270mm x 580mm x 370mm	Short Circuit Protection	√
RFID	√	Earth Leakage Protection	√
Remote / Appointment	√	Surge Protection	√
Residual Current Protection	Type A 330mA + 6mA DC	Certification Standard	EN IEC 61851-1 / GB18487.1
Connector	Type 2	Work Temperature	-30 ~ 55 °C
Work Humidity	5% ~ 95%		

BATTERY MODULE

	BAT05 (5kWh)	BAT15 (Typical 15 kWh)	BAT25 (25kWh)
Battery Cells	LiFePO4		
No. of Battery Module	1	3	5
Usable Energy (kWh)	5	15	25
Battery Voltage Range (V)	41.6 ~ 58.5		
Communication	485/CAN		
Dimensions (H x W x D)	270mm * 580mm * 370mm	710mm * 580mm * 370mm	1150mm * 580mm * 370mm
Weight (kg)	75	225	375
Cooling Method	Natural Cooling		
Work Temperature (°C)	0 ~ 65 (Charging) / -20 ~ 65 (Discharge)		
Storage Temperature (°C)	-20 ~ 65		
Work Humidity	5 ~ 95%		





X-MILES
UNLIMITED CHARGING



X MILES SDN. BHD.

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