

# XMT-EVD100AD

*EVSMART DC CHARGER*



**X-MILES**

UNLIMITED CHARGING

**60kW / 80kW / 120kW  
160kW / 180kW / 240kW**



**X-MILES**  
UNLIMITED CHARGING



**GREEN ENERGY  
READILY AVAILABLE**

**DC**

**CHARGER**

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## KEY FEATURES AND BENEFITS

- 32-inch advertisement screen for more innovative advertising and revenue
- Manages the charger by OCPP1.6 function
- Highly integrated power electronics in an ultra-compact design
- Flexible power module design, Upgradeable up to 240 kW
- IP55 protection, IK10 vandal-proof enclosure and IK08 touch screen
- On-screen QR code for following the charging status on your mobile phone

## APPLICATIONS



Commercial



Gas Station



Fleet



Parking

## DIMENSIONS



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# EVSmart DC Charging Specifications

## XMT-EVD100AD

POWER		EVD100/60E-AD	EVD100/80E-AD	EVD100/120E-AD	EVD100/160E-AD	EVD100/180E-AD	EVD100/240E-AD
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE					
	Input Voltage Range	400V±10%					
	Input Frequency	50 Hz or 60 Hz					
	AC Input Power	92 A, 64 kVA	124 A, 86 kVA	186 A, 129 kVA	248 A, 172 kVA	279 A, 193 kVA	372A, 258 kVA
Output	Maximum Power	60 kW <sub>DC</sub>	80 kW <sub>DC</sub>	120 kW <sub>DC</sub>	160 kW <sub>DC</sub>	180 kW <sub>DC</sub>	240 kW <sub>DC</sub>
	Charging Outlet	2*CCS2 cable					
	Simultaneous Charges	2					
	Cable Maximum Current	200A <sub>DC</sub>	250A <sub>DC</sub>	300A <sub>DC</sub>	300A <sub>DC</sub>	350A <sub>DC</sub>	350A <sub>DC</sub>
	Cooling Method	Air-cool					
	Cable Length	4.5M / 7M (opt)					
	DC Output Voltage	150-1000 Vdc ( Constant power from 320-1000Vdc)					
	Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, DC leakage protection, grounding protection, overtemp protection					
Power Factor (Full Load)	≥ 0.99						
THDi	≤ 5%						
Efficiency (peak)	≥ 95%						
<b>USER INTERFACE</b>							
User Interface	32" Advertisement screen and 10" LCD high-contrast touchscreen						
Language System	English (Other languages available upon request)						
Local Authentication	RFID / QR code / Credit Card (Optional)						
Emergency Button	Yes						
Internet Connectivity	Ethernet, 4G, Wi-Fi						
<b>Light Codes</b>							
Standby Power	Solid Green						
Charging	Green Blinking						
Finished Charging	Solid Green						
Fault	Solid Red						
<b>Environmental</b>							
Operating Temperature	-25 °C to +50 °C						
Storage Temperature	-40 °C to +70 °C						
Humidity	< 95%, non-condensing						
Operating Altitude	Up to 2000 m						
<b>Mechanical</b>							
IP/IK Rating	IP55 and IK10 (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						
Dimensions (D x W x H) mm	D520*W750*H1815						
Warranty	24 months						
<b>ACCORDING TO STANDARDS</b>							
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 be upgraded to OCPP 2.0.1 later)					
	DC Connector	IEC 62196-3					
	RFID Authentication	ISO 14443 A/B					
Optional	POS Terminal connection						





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**X MILES SDN. BHD.**

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