EVCM 120kW

EVCM's dual output DC Chargers advances EV compatibility at public charging sites. Its ground-mounted and modular design ensures costefficient installation and lifecycle maintenance. It also features built-in network connectivity for authentication and remote control applications.



Specifications



Input Rating 280 A, 192 kVA 480 VAC or 270 VAC +/- 10% (50 Hz or 60 Hz) Power Factor > 0.96 Current THD Compliant with IEEE 519 Efficiency 94% Stand-by Consumption CCS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc Power Output #2 CCS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc Protection Protection Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault User Interface & Control Display 7" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication Communication Communication Communication Communication Compliant and Protection (Stopper 1.2° Fto	Part Number	EVCM 120 kW
Input Rating		
ABO VAC or 270 VAC +/- 10% (50 Hz or 60 Hz)	1 ower mpac	
Current THD Compliant with IEEE 519 Efficiency 94% Stand-by Consumption < 20 W Power Output DC Output #1 CCS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc DC Output #2 CCS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc Protection Protection Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault User Interface & Control Display 7" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection INfo according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount	Input Rating	
Strand-by Consumption	Power Factor	> 0.96
Stand-by Consumption COS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc	Current THD	Compliant with IEEE 519
Power Output #1	Efficiency	94%
DC Output #1 CCS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc Protection Protection Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault User Interface & Control Display 7" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity 4 95% relative humidity, non-condensing Attitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	Stand-by Consumption	< 20 W
DC Output #2 Protection Protection Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault User Interface & Control Display 7" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Installation	Power Output	
Protection Protection Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault User Interface & Control Display T" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humicity Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Installation	DC Output #1	CCS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc
Protection Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault User Interface & Control Display 7" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity < 95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	DC Output #2	CCS 1/CCS 2 connector, 250 A max, 120 KW (Max), 200 - 920Vdc
User Interface & Control Display 7" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Iype 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	Protection	
Display 7" LCD high-contrast touch screen Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	Protection	
Support Language English (other languages available upon request) Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	User Interface & Control	
Push Buttons Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red) User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	Display	7" LCD high-contrast touch screen
User Authentication ISO/IEC 14443 Type A/B RFID for user authentication Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Support Language	English (other languages available upon request)
Communication Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
Connectivity OCPP 1.6 J Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Network Interface Ethernet (optional), Cellular 4G/5G, WIFI Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity <95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type 0f Mounting Ground-mount Installation	Communication	
Environment Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity < 95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Connectivity	OCPP 1.6 J
Operating Temperature -22°F to +122°F (-30°C to +50°C) Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity < 95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Network Interface	Ethernet (optional), Cellular 4G/5G, WIFI
Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity < 95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Environment	
Storage Temperature -40°F to +185°F (-40°C to +85°C) Humidity < 95% relative humidity, non-condensing Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Altitude Up to 6,500 ft. (2,000 m) Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Mechanical Design Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Humidity	< 95% relative humidity, non-condensing
Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Altitude	Up to 6,500 ft. (2,000 m)
Ingress Protection Type 3R Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Mechanical Design	
Enclosure Protection IK10 according to IEC 62262 Cooling Forced air Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation		Type 3R
Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation	Enclosure Protection	IK10 according to IEC 62262
Charging Cable Length 13 ft. (5 m) Type Of Mounting Ground-mount Installation		Forced air
Type Of Mounting Ground-mount Installation		13 ft. (5 m)
Installation		
	Installation	
	Instruction	Our Technical Expert will guide you

Note1: Single output model is available.

Note2: Specifications are subject to change without notice.



EVChargeMan

Plot no. 20, 4th floor T-Hub, Inorbit Mall Rd, Vittal Rao Nagar, Madhapur, Hyderabad, Telangana - 500081. +9173860 92691 +9173960 64903 sales@evchargeman.com



