

While the world of EV (Electric Vehicle) charging is new to many, 3E through its parental SAIT GROUP OF COMPANIES holds a very long and proven track record of providing Power Electronics for industries, especially the electro-chemical industry.

Batteries, are basically electrochemical devices.

Thus for 3E, EV chargers are nothing new, just a natural extension of technology.

- 3E now are extending EV Chargers with standard charging Protocols in vogue.
- These are designed to work in extreme weather conditions of High Temperature, High Humidity, Heavy Rain etc. They are IP 55 and IK 10 rated.
- They are designed to be vandal proof, easy to use with NFC card or Apps to prevent unautharised use.
- ♦ 3E Chargers comes by default with Type 2 (IEC 62 196 -2) type connecters / sockets.
- It is compatible with almost all EVs & PHEVs (Plugable Hybrid EVs) on roads now.

ENERTECH ENERGY EQUATIONS FZ-LLC

A SAIT GROUP COMPANY

Detailed Specifications

Protections

Dimensions

Defailed Specifications					
Outlet Connection	Type 2 Plug (withfixed Cable) or Socket (Without Cable) to IEC 62196-2, Standard Cable length 5 M / 7.5 M, Flame Retardant to UL 94V-0 fixed Cable, Ingress Protection to IP 54				
Compliances	CE & UKCA Compliant, Codes & STDs: EMC:2014/53/EU, IEC 61851-21, Environment: 2011/65/EU, REACH, RoHS *Certifications pending				
Charging Specs	Max 22 kW up to 7.36 kW @ 32A on Single Phase -230 V (+/-) 10 %, 50 / 60 Hz up to 22 kW @ 32A on Three Phase - 440 V (+/-) 10 %, 50 / 60 Hz				
Operating Specs	Humidity upto 95 % RH non-condensing Temperature -30 Deg C to +50 Deg C				
Application Connections	Low Energy Bluetooth				
Status Indicator	LEDs to show status of charger				
Sttstical Data tracking	Built-in Energy Meter for tracking Data				
Charger Connections	WiFi 2.4 GHz b/g/n Connection; Local Management thru App; NFC reader; OCPP 1.6; Ethernet (RJ 45); 4G /LTE (CAT1), 3G, 2G (Optional)				

Fire Class to UL94

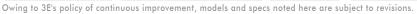
(H) 341 x (W) 170 x (D) 94 MM

Continuous Monitoring of : Input Voltage, Output Current & Voltage and Temperature.

Residual Current Monitoring (30 mA AC / 6 mA DC) with external RCD Type B

Ground Fault Detection; Ingress Protection to IP 55; Impact resistance to IK10

3E Part Number	Facia Design	Capacity	Outlet Connection	MODEM
3E-EVC 1000P4011	Channeled - Grey coloured	7.4 kW	Type-2 Socket	
3E-EVC 1010P1000	Channeled - Grey coloured	7.4 kW	Type-2 Cable (5 M)	
3E-EVC 1010W1011	Channeled - Wooden Finish	7.4 kW	Type-2 Cable (5 M)	
3E-EVC1100P4011	Channeled - Grey coloured	11 kW	Type-2 Socket	
3E-EVC 1110P1000	Channeled - Grey coloured	11 kW	Type-2 Cable (5 M)	
3E-EVC1110W1011	Channeled - Wooden Finish	11 kW	Type-2 Cable (5 M)	
3E-EVC 1200P4011	Channeled - Grey coloured	22 kW	Type-2 Socket	
3E-EVC 1201P4011	Channeled - Grey coloured	22 kW	Type-2 Socket	Quectel EG91-EX modem
3E-EVC 1210P1000	Channeled - Grey coloured	22 kW	Type-2 Cable (5 M)	
3E-EVC 1210W1011	Channeled - Wooden Finish	22 kW	Type-2 Cable (5 M)	
3E-EVC 1211P1000	Channeled - Grey coloured	22 kW	Type-2 Cable (5 M)	Quectel EG91-EX modem
3E-EVC1211W1011	Channeled - Wooden Finish	22 kW	Type-2 Cable (5 M)	Quectel EG91-EX modem





No matter at home or in public place, 3E EV chargers can meet your various charging needs. We constantly develop and come up with chargers in order to bring the best use experience to our customers.

ENERTECH ENERGY EQUATIONS FZ-LLC

A SAIT GROUP COMPANY

