

MODE 3 EV CHARGER



Connectivity

Wi-Fi & APP & RFID access control



Weather resistance

IP55 ingress protection



Energy management

Smart dynamic load balance



High impact resistance

IK 10 grade



MAGTRON-RCMU

30mA RCD Type A+ 6mA DC



Certificate

CE/LVD/CB/ RoHS

Features

- + Robust housing and unique design
- + UL94-V0 flame-retardant classification
- + Available with integrated charging cable or power socket
- + Suitable for home, business and public charging purposes
- + Suitable for outdoor & indoor installation
- + Complies with EN/IEC61851, EN/IEC 62196

Part Number	Rated Power	Rated Current	Supply Connection	Function Extension
EQB-232-TC2	Up to 7.2kW	Up to 32A max	1P+N+E, 6mm ²	None
EQB-232-TC2-DLB	Up to 7.2kW	Up to 32A max	1P+N+E, 6mm ²	Dynamic Load Balance
EQB-416-TC2-DLB	Up to 11kW	Up to 16A max	3P+N+E, 2.5mm ²	Dynamic Load Balance
EQB-432-TC2-DLB-RF	Up to 22kW	Up to 32A max	3P+N+E, 6mm ²	Dynamic Load Balance RFID reader

PART NUMBER

EQB-232-TC2

ELECTRICAL DATA

Rated Power	Up to 7.2kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 32A max
Nominal Supply	230V ac 50Hz
Supply Connection	1P+N+E, 6mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	None
Type 2 Connector	With 5m tethered cable
Supply Cable Entry	Suited to MG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	5.1KG / 6.42KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
 EN/IEC 61008-1:2010
 EN/IEC 62955:2018
 EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, UKCA, CB

PART NUMBER

EQB-232-TC2-DLB

ELECTRICAL DATA

Rated Power	Up to 7.2kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 32A max
Nominal Supply	230V ac 50Hz
Supply Connection	1P+N+E, 6mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	<input checked="" type="checkbox"/> Dynamic Load Balance
Type 2 Connector	With 5m tethered cable
Supply Cable Entry	Suited to MG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	5.1KG / 6.42KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
EN/IEC 61008-1:2010
EN/IEC 62955:2018
EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, UKCA, CB

PART NUMBER

EQB-416-TC2-DLB

ELECTRICAL DATA

Rated Power	Up to 11kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 16A max
Nominal Supply	400V ac 50Hz
Supply Connection	3P+N+E, 2.5mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	<input checked="" type="checkbox"/> Dynamic Load Balance
Type 2 Connector	With 5m tethered cable
Supply Cable Entry	Suited to øMG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	5.14KG / 6.46KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
 EN/IEC 61008-1:2010
 EN/IEC 62955:2018
 EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, UKCA, CB

PART NUMBER

EQB-432-TC2-DLB-RF

ELECTRICAL DATA

Rated Power	Up to 22 kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 32A max
Nominal Supply	400V ac 50Hz
Supply Connection	3P+N+E, 6mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	<input checked="" type="checkbox"/> Dynamic Load Balance <input checked="" type="checkbox"/> RFID reader
Type 2 Connector	With 5m tethered cable
Supply Cable Entry	Suited to øMG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	6.44KG / 7.76KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
 EN/IEC 61008-1:2010
 EN/IEC 62955:2018
 EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, UKCA, CB

MODE 3 EV CHARGER



Connectivity

Wi-Fi & APP & RFID access control



Weather resistance

IP55 ingress protection



Energy management

Smart dynamic load balance



High impact resistance

IK 10 grade



MAGTRON-RCMU

30mA RCD Type A+ 6mA DC



Certificate

CE/LVD/CB/ RoHS

Features

- + Robust housing and unique design
- + UL94-V0 flame-retardant classification
- + Available with integrated charging cable or power socket
- + Suitable for home, business and public charging purposes
- + Suitable for outdoor & indoor installation
- + Complies with EN/IEC61851, EN/IEC 62196

Part Number	Rated Power	Rated Current	Supply Connection	Function Extension
EQB-2322-FC	Up to 7.2kW	Up to 32A max	1P+N+E, 6mm ²	None
EQB-2322-FC-DLB	Up to 7.2kW	Up to 32A max	1P+N+E, 6mm ²	Dynamic Load Balance
EQB-4162-FC-DLB	Up to 11kW	Up to 16A max	3P+N+E, 2.5mm ²	Dynamic Load Balance
EQB-4322-FC-DLB-RF	Up to 22kW	Up to 32A max	3P+N+E, 6mm ²	Dynamic Load Balance RFID reader

PART NUMBER

EQB-2322-FC

ELECTRICAL DATA

Rated Power	Up to 7.2kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 32A max
Nominal Supply	230V ac 50Hz
Supply Connection	1P+N+E, 6mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	None
Charging Type	IEC 62195 Type 2 socket , IP55 hinged lid, interlocked
Supply Cable Entry	Suited to MG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	3.7KG / 5.02KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
 EN/IEC 61008-1:2010
 EN/IEC 62955:2018
 EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, CB

PART NUMBER

EQB-2322-FC-DLB

ELECTRICAL DATA

Rated Power	Up to 7.2kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 32A max
Nominal Supply	230V ac 50Hz
Supply Connection	1P+N+E, 6mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	<input checked="" type="checkbox"/> Dynamic Load Balance
Charging Type	IEC 62195 Type 2 socket , IP55 hinged lid, interlocked
Supply Cable Entry	Suited to MG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	3.7KG / 5.02KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
EN/IEC 61008-1:2010
EN/IEC 62955:2018
EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, CB

PART NUMBER

EQB-4162-FC-DLB

ELECTRICAL DATA

Rated Power	Up to 11kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 16A max
Nominal Supply	400V ac 50Hz
Supply Connection	3P+N+E, 2.5mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	<input checked="" type="checkbox"/> Dynamic Load Balance
Charging Type	IEC 62195 Type 2 socket , IP55 hinged lid, interlocked
Supply Cable Entry	Suited to øMG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	3.8KG / 5.12KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
EN/IEC 61008-1:2010
EN/IEC 62955:2018
EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, CB

PART NUMBER

EQB-4322-FC-DLB-RF

ELECTRICAL DATA

Rated Power	Up to 22 kW
Connectivity	Wi-Fi by TUYA APP, Ethernet
Rated Current	Up to 32A max
Nominal Supply	400V ac 50Hz
Supply Connection	3P+N+E, 6mm ²
Control Relay	Din rail mounted AC contactor
Earth Leakage Protection	Built in 30mA RCD Typ A+ 6mA DC
Status Indication	3 colour LED indicator (green, blue, red)
Function Extension	<input checked="" type="checkbox"/> Dynamic Load Balance <input checked="" type="checkbox"/> RFID reader
Charging Type	IEC 62195 Type 2 socket , IP55 hinged lid, interlocked
Supply Cable Entry	Suited to øMG 25 cable gland through bottom of enclosure

MECHANICAL DATA

Dimensions(H × W × D)	560mm × 365mm × 255mm
Unit Weight	3.92KG / 5.24KG
Mounting Location	Wall mounted (permanent mounting)
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 95%
Enclosure	PC + ASA (UL94V0 Fire Rated, IK08)
Ingress Protection	IP55

COMPLIANCE

EN/IEC 61851-2:2019
EN/IEC 61008-1:2010
EN/IEC 62955:2018
EN/IEC62196-2:2017

CERTIFICATE

CE/LVD, CE/EMC, RoHS, CB

MODE 2 IC-CPD



Compact design
Plug and play



Weather resistance
IP55 ingress protection



RCMU protection
RCD 30mA Type A + 6mA DC



High impact resistance
IK 08 grade



Intelligent CPU
Adjustable current & charging time



Certificate
CE/LVD/CB/ RoHS

Features

- + Robust housing and unique design
- + UL94-V0 flame-retardant classification
- + Over & under voltage protection
- + Over current and short circuit protection
- + Complies with EN/IEC62752, EN/IEC 62196



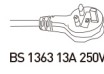
Schuko 16A 250V~



AS/NZS 3123 15A 250V~



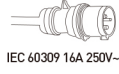
IEC 60309 32A 250V~



BS 1363 13A 250V~



AS/NZS 3123 32A 250V~



IEC 60309 16A 250V~

Part Number	Rated Power	Charging Current	Input Power Plug	Over-current Protection
EPO-2162L-P1	Up to 3.6kW	8A -16A (adjustable)	16A 250V~, Schuko	20A Supply
EPO-2162L-P2	Up to 3.6kW	8A -16A (adjustable)	13A 250V~, BS 1363	20A Supply
EPO-2162L-P3	Up to 3.6kW	8A -16A (adjustable)	15A 250V~, AS/NZS 3123	20A Supply
EPO-2322L-P3	Up to 7.2kW	8A -32A (adjustable)	32A 250V~, AS/NZS 3123	40A Supply
EPO-2162L-P5	Up to 3.6kW	8A -16A (adjustable)	16A 250V~, IEC 60309	20A Supply
EPO-2322L-P5	Up to 7.2kW	8A -32A (adjustable)	32A 250V~, IEC 60309	40A Supply

PART NUMBER

EPO-2162L-P1

ELECTRICAL DATA

Rated Power	Up to 3.6kW
Charging Current	8A -16A (adjustable)
Operation Voltage	230V~, 50Hz
Input Power Plug	16A 250V~, Schuko
Over-current Protection	20A Supply
Earth Leakage Protection	Built-in RCMU / RCD 30mA Type A+ 6mA DC
Charging Status	Corresponding LED indicator
Charging Mode	Mode 2 (IC-CPD)
Screen Display	0.96 inch OLED
Reserve Charging Time	Programmable from 1h to 10h

MECHANICAL DATA

Dimensions(H × W × D)	200mm × 100mm × 55mm (without cable)
Dimensions(H × W × D)	385mm*385mm*115mm (inner box)
Unit Weight	2.72KG
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 75%
Enclosure	SABIC Polycarbonate 9134- IK08
Ingress Protection	IP55

COMPLIANCE

EN IEC 62752:2016/
 A1:2020 EN IEC 62955:2018
 EN IEC 62196-1:2014
 EN IEC 62196-2:2016

PART NUMBER

EPO-2162L-P2

ELECTRICAL DATA

Rated Power	Up to 3.6kW
Charging Current	8A -16A (adjustable)
Operation Voltage	230V~, 50Hz
Input Power Plug	13A 250V~, BS 1363
Over-current Protection	20A Supply
Earth Leakage Protection	Built-in RCMU / RCD 30mA Type A+ 6mA DC
Charging Status	Corresponding LED indicator
Charging Mode	Mode 2 (IC-CPD)
Screen Display	0.96 inch OLED
Reserve Charging Time	Programmable from 1h to 10h

MECHANICAL DATA

Dimensions(H × W × D)	200mm × 100mm × 55mm (without cable)
Dimensions(H × W × D)	385mm*385mm*115mm (inner box)
Unit Weight	2.72KG
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 75%
Enclosure	SABIC Polycarbonate 9134- IK08
Ingress Protection	IP55

COMPLIANCE

EN IEC 62752:2016/
A1:2020 EN IEC 62955:2018
EN IEC 62196-1:2014
EN IEC 62196-2:2016

PART NUMBER

EPO-2162L-P3

ELECTRICAL DATA

Rated Power	Up to 3.6kW
Charging Current	8A -16A (adjustable)
Operation Voltage	230V~, 50Hz
Input Power Plug	15A 250V~, AS/NZS 3123
Over-current Protection	20A Supply
Earth Leakage Protection	Built-in RCMU / RCD 30mA Type A+ 6mA DC
Charging Status	Corresponding LED indicator
Charging Mode	Mode 2 (IC-CPD)
Screen Display	0.96 inch OLED
Reserve Charging Time	Programmable from 1h to 10h

MECHANICAL DATA

Dimensions(H × W × D)	200mm × 100mm × 55mm (without cable)
Dimensions(H × W × D)	385mm*385mm*115mm (inner box)
Unit Weight	2.72KG
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 75%
Enclosure	SABIC Polycarbonate 9134- IK08
Ingress Protection	IP55

COMPLIANCE

EN IEC 62752:2016/
A1:2020 EN IEC 62955:2018
EN IEC 62196-1:2014
EN IEC 62196-2:2016

PART NUMBER

EPO-2322L-P3

ELECTRICAL DATA

Rated Power	Up to 7.2kW
Charging Current	8A -32A (adjustable)
Operation Voltage	230V~, 50Hz
Input Power Plug	32A 250V~, AS/NZS 3123
Over-current Protection	40A Supply
Earth Leakage Protection	Built-in RCMU / RCD 30mA Type A+ 6mA DC
Charging Status	Corresponding LED indicator
Charging Mode	Mode 2 (IC-CPD)
Screen Display	0.96 inch OLED
Reserve Charging Time	Programmable from 1h to 10h

MECHANICAL DATA

Dimensions(H × W × D)	200mm × 100mm × 55mm (without cable)
Dimensions(H × W × D)	385mm*385mm*115mm (inner box)
Unit Weight	3.66KG
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 75%
Enclosure	SABIC Polycarbonate 9134- IK08
Ingress Protection	IP55

COMPLIANCE

EN IEC 62752:2016/
 A1:2020 EN IEC 62955:2018
 EN IEC 62196-1:2014
 EN IEC 62196-2:2016

PART NUMBER

EPO-2162L-P5

ELECTRICAL DATA

Rated Power	Up to 3.6kW
Charging Current	8A -16A (adjustable)
Operation Voltage	230V~, 50Hz
Input Power Plug	16A 250V~, IEC 60309
Over-current Protection	20A Supply
Earth Leakage Protection	Built-in RCMU / RCD 30mA Type A+ 6mA DC
Charging Status	Corresponding LED indicator
Charging Mode	Mode 2 (IC-CPD)
Screen Display	0.96 inch OLED
Reserve Charging Time	Programmable from 1h to 10h

MECHANICAL DATA

Dimensions(H × W × D)	200mm × 100mm × 55mm (without cable)
Dimensions(H × W × D)	385mm*385mm*115mm (inner box)
Unit Weight	2.72KG
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 75%
Enclosure	SABIC Polycarbonate 9134- IK08
Ingress Protection	IP55

COMPLIANCE

EN IEC 62752:2016/
 A1:2020 EN IEC 62955:2018
 EN IEC 62196-1:2014
 EN IEC 62196-2:2016

PART NUMBER

EPO-2322L-P5

ELECTRICAL DATA

Rated Power	Up to 7.2kW
Charging Current	8A -32A (adjustable)
Operation Voltage	230V~, 50Hz
Input Power Plug	32A 250V~, IEC 60309
Over-current Protection	40A Supply
Earth Leakage Protection	Built-in RCMU / RCD 30mA Type A+ 6mA DC
Charging Status	Corresponding LED indicator
Charging Mode	Mode 2 (IC-CPD)
Screen Display	0.96 inch OLED
Reserve Charging Time	Programmable from 1h to 10h

MECHANICAL DATA

Dimensions(H × W × D)	200mm × 100mm × 55mm (without cable)
Dimensions(H × W × D)	385mm*385mm*115mm (inner box)
Unit Weight	3.66KG
Ambient Temperature	-25 °c to + 45 °c
Operating Humidity	5 to 75%
Enclosure	SABIC Polycarbonate 9134- IK08
Ingress Protection	IP55

COMPLIANCE

EN IEC 62752:2016/
A1:2020 EN IEC 62955:2018
EN IEC 62196-1:2014
EN IEC 62196-2:2016

EV CHARGING CABLE



Weather resistance
IP55 ingress protection



High impact resistance
IK 10 grade



Certificate
CE / UKCA / CB / RoHS

Features

- + Mode 3 charging cable
- + Ergonomic design
- + Double-injection robust molding
- + TPU outer sheath flexible cable
- + Protective dust caps
- + Working temperature -40° to 50°
- + Custom color upon request
- + Complies with EN/IEC62196-2 stds



Part No.	Number of Phase	Max. AC current	Max. Output	Cable Variant	Cable Type	Color	Length
EVC-M2F2-116	1P+N+E	16A	3.6kW	3*2.5+2*0.5mm ²	Straight / Spiral	Green / Grey	5 m / 7.5 m
EVC-M2F2-132	1P+N+E	32A	7.2kW	3*6+2*0.5mm ²			
EVC-M2F2-316	3P+N+E	16A	11kW	5*2.5+2*0.5mm ²			
EVC-M2F2-332	3P+N+E	32A	22kW	5*6+2*0.5mm ²			