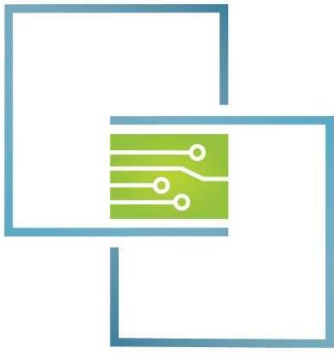




Randridge
Technologies
Powering our clean future



Premium Products Brochure



Randridge
Technologies
Powering our clean future

RT Wallbox - EVB Series



RT WALLBOX

The RT Wallbox is a modular solution for single or dual EV charging. Its compact and user-friendly design makes it a perfect choice for daily charging in private, public, or semi-public locations.

The Wallbox is perfect for large installations in car parks, offices, and real estates – offering the best charging experience with smart services.

It's Smart

OCPP 1.6 and dynamic load management are basic features of RT Wallbox. With these RT Wallbox qualifies as smartest EV charger on market.

It's Tough

The structure of the RT Wallbox guarantees durability for both the weather (IP54) and external impacts (IK10).

It's Flexible

Agile factory commissioning to back-end systems and wide range of customer tailoring's will make RT Wallbox the most suitable selection to customers.

It's Visible

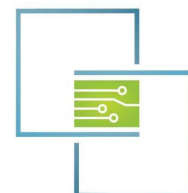
RT Wallbox is equipped with back-lighted body. Nice ambient light makes Wallbox easy to locate and comfortable to operate



Available in EVB 100 & EVB 200

EVB100 - Single Charging

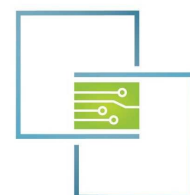
EVB 200 - Dual Charging



**Randridge
Technologies**
Powering our clean future

WALLBOX - TECHNICAL SPECIFICATIONS

| | |
|---------------------------|---|
| Charging Outlet | 1 or 2 Mode 3 / Type 2 Socket 1 or 2 Mode 3 / Type 1 or Type @ Cables Option: Charging cable fixing by software (cables not included) |
| Nominal Value | 1-ph/3-ph, 230/400VAc, 50Hz |
| Charging Power/ Current | Max. 22kW/T2 Socket Charging Current configurable from 6A to 32A |
| IP Class | IP54 |
| IK Class | IK10 |
| Protection Options | 6mA DC Residual Current Monitoring |
| Control and Communication | Standalone/Online 2G/3G, LAN OCPP 1.5/ 1.6 IEC 15118 Master / Slave |
| Operating Temperature | -30°C to +50°C |
| User Interfaces | Local Authentication by RfId (ISO/IEC 14443A/B ISO/IEC15693) NFC 3—Colour LED Status indication (Ready Charging, Error) |
| Mounting / Installation | Wall or Pole Mounting |
| Standards / Requirements | CE, IEC 61851-1 |



MANAGEMENT SYSTEM

These units come built in with

- Dynamic load management
- RFID user authentication
- OCPP 1.6
- Adjustable maximum current setting, max 32A
- Single or Double Socket
- Vehicle to Grid Support

On the Randridge Technologies Charging Network you can

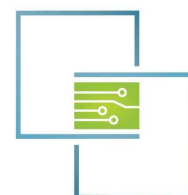
- Find an available charging station nearby or on your journey
- Reserve a charge-point in advance
- Start & stop charging with the Web App
- Pay for one-off use or create a monthly account with no registration fees - Pay for connection and kWh use only.

COMMISSIONING

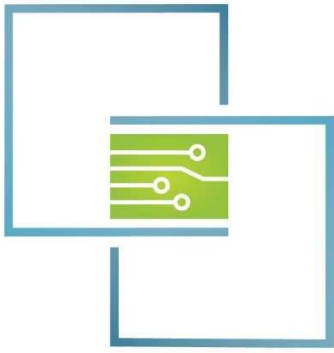
After each installation, Randridge Technologies will carry out the set up, testing and certification to ensure that each unit works to the best of its ability.

WALL BOX PRICING

Prices to be discussed.



**Randridge
Technologies**
Powering our clean future



Randridge
Technologies
Powering our clean future

RT Pro - EVF Series



PRO EVF 200

RT Pro Series is the low maintenance and easy-to-use electric vehicle AC charging station for demanding conditions.

It includes charging and service ability for public and semi-public environment with connectivity to serve users, owners and operators!

It's Smart

OCPP 1.6 and dynamic load management are basic features of RT Pro. With these RT Pro qualifies as smartest EV charger on market.

It's Tough

The full metal structure of RT Pro guarantees durability for both the weather (IP54) and external impacts (IK10).

It's Flexible

Agile factory commissioning to back-end systems and wide range of customer tailoring's will make RT Pro the most suitable selection to customers.

It's Safe

RT Pro built-in residual circuit breaker (RCD-A + DC 6mA RCMB). This guarantees user safety and installation according standards. This also allows installation without extra components in switchboard.

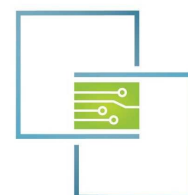


Available in EVF 100, EVF 200 & EVF 300

EVF 100 - Single Charging

EVF 200 - Dual Charging

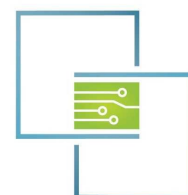
EVF 300 - Dual Charging with Distribution Cabinet Extension



**Randridge
Technologies**
Powering our clean future

PRO EVF - TECHNICAL SPECIFICATIONS

| | |
|---------------------------------|---|
| Charger Models | EVF 100 (Single Charging), EVF 200 (Dual Charging), EVF 300 (Dual Charging with a distribution cabinet extension) |
| Charging Outlet | 1 or 2 Mode 3 / Type 2 Shutter—Sockets Option: Charging Cable Fixing by Software (Cables Not Included) |
| Nominal Voltage | 1—ph/3-ph, 230 / 400 VAC, 50Hz |
| Charging Power / Current | Max. 22kW / T2 Socket Charging current configurable from 6A to 32A |
| IP Class | IP54 |
| IK Class | IK10 |
| Protection Options | MCB (Miniature Circuit Breaker) Residual Current Protection (RCD) Type A Standard |
| Control & Communication Options | Standalone / Online 2G/3G, LAN OCPP 1.5 / 1.6 IEC15118 Master / Slave |
| Operation Temperature | -30°C to +50°C |
| User Interfaces | Local Authentication by RFID (ISO/IEC 14443A/B ISO/IEC 15693) NFC 3-Colour LED status indication (ready, charging, error) |
| Mounting / Installation | Ground or Wall |
| Standard / Requirements | CE, IEC 61851-1 |



MANAGEMENT SYSTEM

These units come built in with

- Dynamic load management
- RFID user authentication
- OCPP 1.6
- Adjustable maximum current setting, max 32A
- Single or Double Socket
- Vehicle to Grid Support

On the Randridge Technologies Charging Network you can

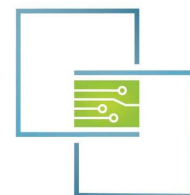
- Find an available charging station nearby or on your journey
- Reserve a charge-point in advance
- Start & stop charging with the Web App
- Pay for one-off use or create a monthly account with no registration fees - Pay for connection and kWh use only.

COMMISSIONING

After each installation, Randridge Technologies will carry out the set up, testing and certification to ensure that each unit works to the best of its ability.

EVF 200 PRICING

Prices to be discussed.



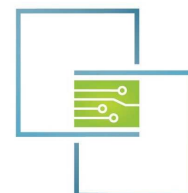
Randridge
Technologies
Powering our clean future

PRO EVF 300

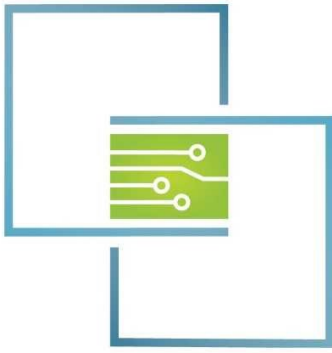
RT Pro EVF 300 - Dual Charging with Distribution Cabinet Extension
EVF300 offers easy grid connection cabinet combined with charging station

EVF 300 PRICING

Prices to be discussed.



Randridge
Technologies
Powering our clean future



Randridge
Technologies
Powering our clean future

RT Premium - EVC Series



PREMIUM EVC 200

Premium is the timelessly stylish and advanced solution for fast AC charging of electric vehicles – a combination of elegance and durability.

It includes charging and service ability for public and semi-public environment with connectivity to serve users, owners and

It's Smart

OCPP 1.6 and dynamic load management are basic features of RT Premium . With these RT Premium qualifies as smartest EV charger on market.

It's Tough

The full metal structure of RT Premium guarantees durability for both the weather (IP54) and external impacts (IK10).

It's Safe

RT Premium built-in residual circuit breaker (RCD-A + DC 6mA RCMB). This guarantees user safety and installation according standards. This also allows installation without extra components in switchboard.

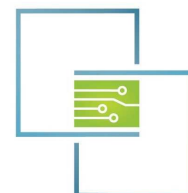


Available in EVC 100, EVC 200 & EVC 300

EVF 100 - Single Charging

EVF 200 - Dual Charging

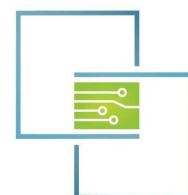
EVF 300 - Dual Charging with Distribution Cabinet Extension



Randridge
Technologies
Powering our clean future

PREMIUM EVC - TECHNICAL SPECIFICATIONS

| | |
|---------------------------------|---|
| Charger Models | EVC 100 (Single Charging), EVC 200 (Dual Charging), EVC 300 (Dual Charging with distribution cabinet extension) |
| Charging Outlet | 1 or 2 Mode 3 / Type 2 Sockets 1 or 2 Mode 3 / Type 1 or Type 2 Cables Options: Domestic Socket, Mode 2 charging (max. 3,6kW) Charging Cable fixing by software (cables not included) |
| Nominal Voltage | 1—ph/3-ph, 230 / 400 VAC, 50Hz |
| Charging Power / Current | Max. 22kW / T2 Socket Charging current configurable from 6A to 32A |
| IP Class | IP54 |
| IK Class | IK10 |
| Protection Options | MCB (Miniature Circuit Breaker) Residual Current Protection (RCD) Type A Standard , Type B optional |
| Control & Communication Options | Standalone / Online 2G/3G, LAN OCPP 1.5 / 1.6 IEC15118 Master / Slave |
| Operation Temperature | -30°C to +50°C |
| User Interfaces | Local Authentication by RFID (ISO/IEC 14443A/B ISO/IEC 15693) NFC 3-Colour LED status indication (ready, charging, error) |
| Mounting / Installation | Ground or Wall |
| Standard / Requirements | CE, IEC 61851-1 |



MANAGEMENT SYSTEM

These units come built in with

- Dynamic load management
- RFID user authentication
- OCPP 1.6
- Adjustable maximum current setting, max 32A
- Single or Double Socket
- Vehicle to Grid Support

On the Randridge Technologies Charging Network you can

- Find an available charging station nearby or on your journey
- Reserve a charge-point in advance
- Start & stop charging with the Web App
- Pay for one-off use or create a monthly account with no registration fees - Pay for connection and kWh use only.

COMMISSIONING

After each installation, Randridge Technologies will carry out the set up, testing and certification to ensure that each unit works to the best of its ability.

PREMIUM EVC 200 PRICING

Pricing to be discussed.

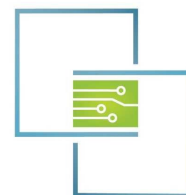


PREMIUM EVC 300

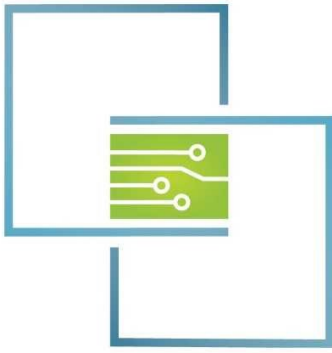
RT Premium EVC 300 - Dual Charging with Distribution Cabinet Extension
EVC 300 offers easy grid connection cabinet combined with charging station

EVC 300 PRICING

Pricing to be discussed.



Randridge
Technologies
Powering our clean future



Randridge
Technologies
Powering our clean future

RT Media - EVMED Series



MEDIA EV MED Series

Smart EV charging with new possibilities

RT Media creates new possibilities for outdoor advertising and information sharing. Smart charging unit combined with big display will be highly visible in streets and parking lots.

It's Smart

OCPP 1.6 and dynamic load management are basic features of RT Media. With these RT Media qualifies as smartest EV charger on market.

It's Tough

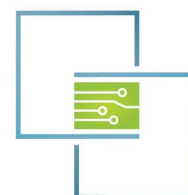
The structure of RT Media guarantees durability for both the weather (IP54) and external impacts (IK10).

It's Safe

RT Media built-in residual circuit breaker (RCD-A + DC 6mA RCMB). This guarantees user safety and installation according standards. This also allows installation without extra components in switchboard.

It Sells

Large media display is great for outdoor advertising and makes a platform for different information sharing and searching. Try to combine commute traffic schedules and EV Charging to make healthier choices in cities and other urban areas.



**Randridge
Technologies**
Powering our clean future

RT EV MED - TECHNICAL SPECIFICATIONS

| | |
|------------------------------|--|
| Dimensions | 46" (1171 x 2158 x 230mm) 55" (1291 x 2185 x 257mm) with 2 charging points |
| Enclosure Class | IP 54 / TFT Monitor IP65 |
| Impact Resistance Class | IK10 |
| Operating Temperature | -35°C - + 55°C |
| Humidity | 90% (non - compensating) |
| Material / Color | Powder painted stainless steel, aluminum and steel construction |
| Approval, markings | CE, RoHS |
| Nominal Charging Power | Max 22kW / T2 Socket Charging Power can be configured with software 1,8 - 22kW per charging point |
| Charging Connection to EV | 1 or 2 Mode 3 / Type 2 Option: Charging cable fixing by software (cables not included) |
| Charging Status Indication | 3 Color LED Signal Light (Green, Blue, Red) |
| Energy Measurement | MID class kWh metering |
| Nominal Supply | 3 x 63A or 2 x 3 x 32A, 230 / 400 VAC, 50Hz |
| Access Control | Local Authentication by RFID (ISO/IEC 14443A/B ISO/IEC 15693) |
| Supply Connections | L1, L2, L3, N, PE, Cu 2.5—50mm ² , Al 6-50mm ² |
| Communications with Back-end | 3G, 4G, Ethernet, OCPP 1.5/1.6 |
| Standards | IEC 61851-1, EN61439-1, EN61439-3 CE, EN55022, EN50121-4, IEC0950 |
| Screen Type | TFT |
| Screen Size | 46" 16/9 Diagonal, viewing angle: 178°, active area 1018 x 573mm 55" 16/9 Diagonal, viewing angle: 178°, active area 1210 x 680mm |
| Resolution | Full HD 1920 x 1080 pixel |
| Brightness and Contrast | 2500 nits (cd/m ²) 5000:1 |
| Glass | Laminated antireflective front glass |
| Media Player | TFT Monitor Controller: Q7 Intel BayTrail E3845 Quad Core 1.91GHz, 4GB RAM, Dual Flash 8GB, Optional DVI interface |
| Screen Connectivity | Ethernet, 2G/3G |
| Power Consumption | Chargers 230VAC, 50Hz, 60W TFT Display 230 VAC, 50Hz, 520W(max) including 200W heater |

MANAGEMENT SYSTEM

These units come built in with

- Dynamic load management
- RFID user authentication
- OCPP 1.5 / 1.6 Full Support
- Double Socket
- Vehicle to Grid Support

On the Randridge Technologies Charging Network you can

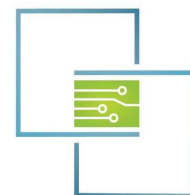
- Find an available charging station nearby or on your journey
- Reserve a charge-point in advance
- Start & stop charging with the Web App
- Pay for one-off use or create a monthly account with no registration fees - Pay for connection and kWh use only.

COMMISSIONING

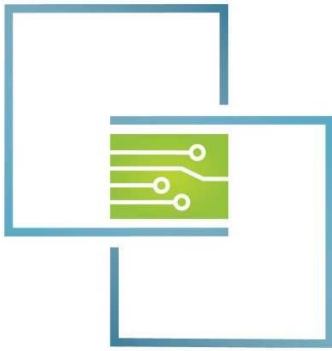
Commissioning for the RT EV MED Series to be discussed.

RT MEDIA-EV MED PRICING

Prices to be discussed.



Randridge
Technologies
Powering our clean future



Randridge
Technologies
Powering our clean future

RT Power - EVDC Series



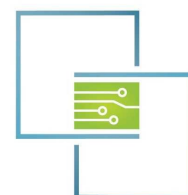
RT POWER

Our other EV chargers include a DC Fast Charger, ideal for convenience stores & filling stations. This unit is the RT Power. It is capable of charging an EV in 15 - 30 minutes.

Modular scalability to charge next generation cars

RT Power offers:

- Simultaneous charging up to four cars e.g. - Two DC charge points – total up to 150 kW DC - CCS up to 100 kW DC
- CHAdeMO up to 62.5 kW DC - Type 2 plug 43 kW, Type 2 socket 22 kW
- Easy to install, operate and service
- Dynamic power management to minimize charge time
- Supports OCPP 1.6
- Different plug configurations available



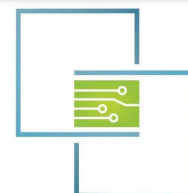
Randridge
Technologies
Powering our clean future

RT POWER - TECHNICAL SPECIFICATIONS

| | |
|---|--|
| Dimensions | 2079 x 852 x 998 mm |
| Enclosure Class | IP54 |
| Impact Resistance Class | IK10 |
| Operating Temperature | -25°C - + 45°C |
| Humidity | 95% max, (non - compensating) |
| Weight | 400kg |
| No. of Charging Points | 3 or 4 charging points Combination of 2 DC outlets (CCS and/or CHAdeMO) and 1 or 2 AC outlets Type 2 / Mode 3 |
| Efficient Rectifier | 94% |
| Compliance & Safety | IEC 61851-1 |
| EMC | IEC 61851-21-2, EN 61000-6-1/-2/-4 |
| User Interface | |
| Display | 7" Color display |
| Keypad | 5 Buttons - backlight |
| Local Authentication | RFID reader |
| Connectivity | Fixed Ethernet GPRS / 3G Modem |
| Back Office Interface | OCPP 1,5 |
| AC Connection | L1, L2, L3, N, PE |
| AC Voltage | 400 V RMS (L-L) +/- 10% |
| Frequency | 50 / 60Hz |
| Current Nominal | 312 ARMAS @ 150kWs DC + 65 kW AC charge |
| Power Factor | 0,99 |
| Mains Terminal | Terminal Blocks L1 + L2 + L3 + N + PE |
| DC Charge Points—CCS & CHAdeMo | |
| DC Output Voltage Range | 170—500 V DC |
| Maximum Charge Current | 300 A DC |
| Maximum Charge Power | 150 kW DC |
| Cable / Access Length | 3,5m / 2,5m |
| Protection | Overcurrent circuit breaker, short circuit protection, Overvoltage protection, Low voltage protection, Isolation monitoring, earth monitoring |

RT POWER - TECHNICAL SPECIFICATIONS

| | |
|----------------------------------|--|
| DC Charge Point—CCS | |
| Compliance | IEC 61851-23/ -24, IEC 62196-3, DIN 70121 |
| Rating Cable & Gun | 200 A DC / 850 V Dc |
| DC Charge Point - CHAdeMO | |
| Compliance | IEC 61851-23/ -24, JEVS G 105, Rev1.0.1 compliance |
| Rating Cable & Gun | 125 A DC / 500 V DC |
| AC Charge Points | |
| Compliance | IEC 61851-22 |
| AC Voltage | 400 V RMS (L-L) +/- 10% |
| AC Plug 43kW charge point | IEC 62196-2 Mode 3 / Type 2 |
| AC Socket 22kW charge point | IEC 62196-2 Mode 3 / Type 2 |
| Nominal AC Charge | 400 V RMS |
| Maximum Charge Current / Power | 3 x 63 A RMS @ 43 kW point |
| Cable / Access Length | 3,5 m / 2,5m |
| Protections | RCD Type B |



MANAGEMENT SYSTEM

These units come built in with

- Two charge points are available for DC quick charging up to 150kW, with another two for AC charging up to 65kW.
- RFID user authentication
- Back-office system integration with OCPP 1.5
- The charger enables simultaneous charging of up to four cars.
- Dynamic power management to minimize charge time

On the Randridge Technologies Charging Network you can

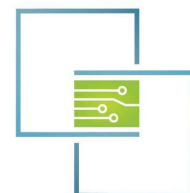
- Find an available charging station nearby or on your journey
- Reserve a charge-point in advance
- Start & stop charging with the Web App
- Pay for one-off use or create a monthly account with no registration fees - Pay for connection and kWh use only.

COMMISSIONING

Commissioning for the RT POWER [EV DC Series] to be discussed.

RT POWER-EVDC PRICING

Our pricing for the RT Power EVDC series to be discussed.





Randridge
Technologies
Powering our clean future

**Unit 2, Bray South Business Park,
Killarney Road,
Bray,
Co. Wicklow,
Ireland**

Phone: +353 1 969 6618

Email: info@randridgetechnologies.ie