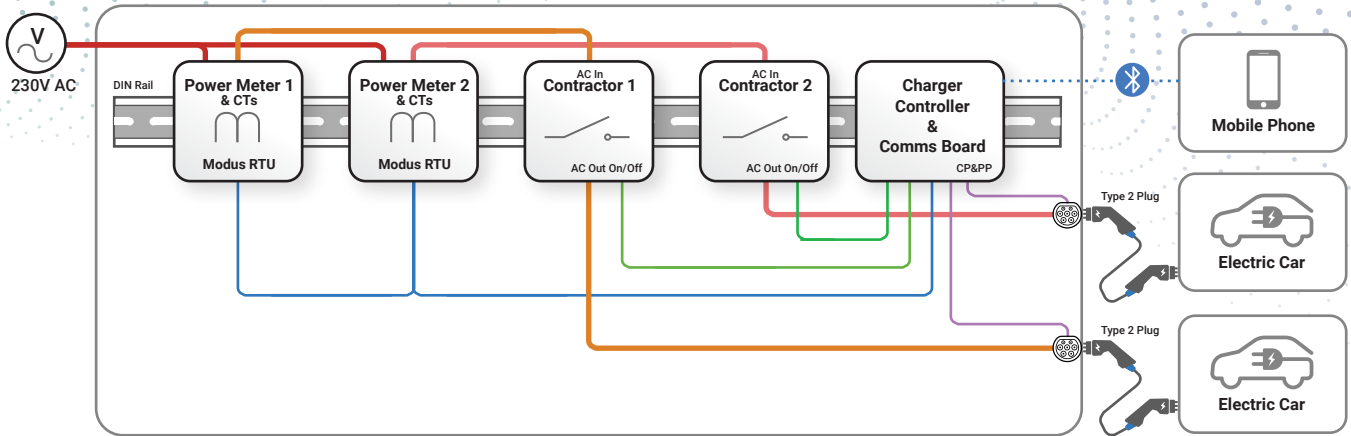




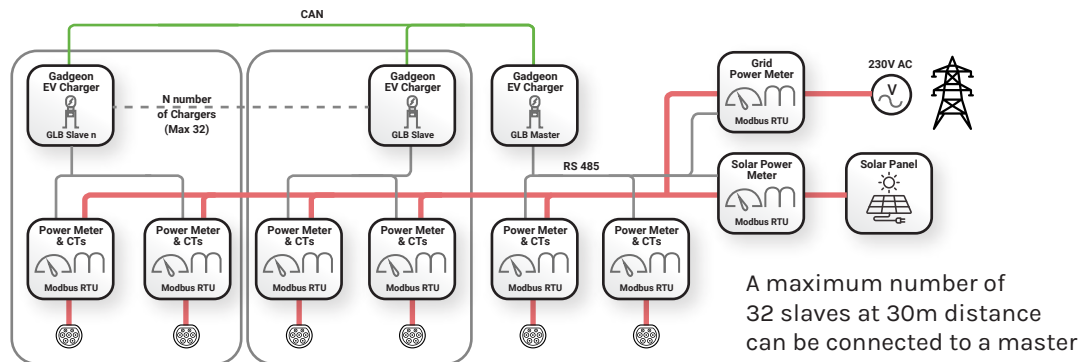
# Gadgeon EVC100

The era of electric vehicles is here, and Gadgeon EV Chargers are leading the way in providing innovative charging solutions for the modern world. With a commitment to sustainability and cutting-edge technology, our products are designed to seamlessly integrate electric mobility into your daily life, empowering you to make a positive impact on the environment while enjoying unparalleled convenience.

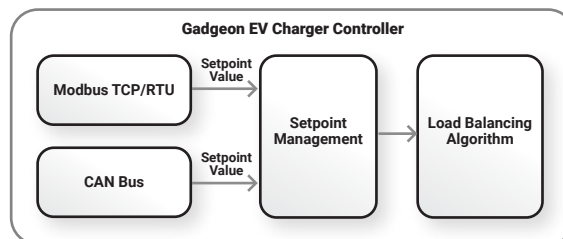
Gadgeon EV Chargers are a symphony of intelligent engineering and user-friendly design. From sleek residential units to robust commercial installations, our modular and scalable solutions cater to every charging need. Experience the epitome of efficiency with our Dynamic Load Balancing feature, ensuring optimal power distribution and cost savings. With advanced communication capabilities and seamless integration with smart home systems, our chargers redefine the charging experience, making every journey an electrifying adventure.



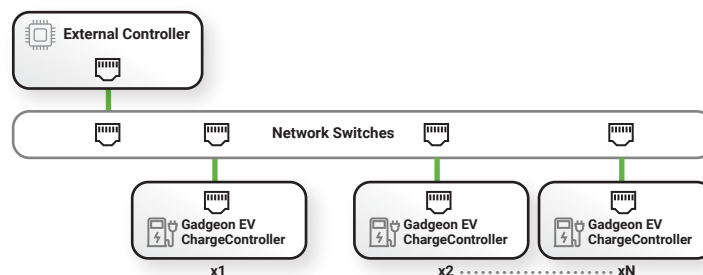
- 1 Supports Single or Dual RFID authentication for enhanced security and access control.
- 2 Seamless integration with OCPP 1.6J protocol for industry-standard backend communication
- 3 Intelligent Master/Slave Load Balancing via CANbus for optimized power distribution



- 4 User-friendly remote configuration and support through an intuitive web dashboard
- 5 CE Certified for compliance with European standards
- 6 Capable of integrating display modules for rich user experience
- 7 Flexible external setpoint management via Modbus TCP/RTU protocols



- 8 Seamless integration with third-party energy management systems using Modbus TCP



- 9 Secure remote VPN accessibility for convenient monitoring and maintenance
- 10 OCPP Load Profile management Enables seamless integration with utility providers. This crucial feature allows utilities to remotely control and optimize charging sessions based on grid conditions, enabling demand response capabilities and improving grid stability.
- 11 The Gadgeon EV Charger and accompanying portals offer extensive customization options, allowing for seamless rebranding to align with your company's identity.



## PRODUCT SPECIFICATIONS

### Interface Features

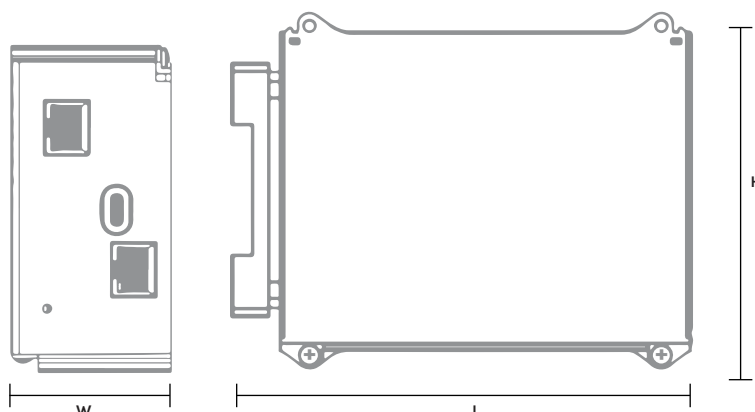
Wireless Connectivity	BLE/BT with a range of 20m RFID working at 13.56MHz 4G/LTE Connectivity with Nano Sim
Dual Channel EV Charging	IEC 62196 Compliant EV Communication Dual Channel with separate On/Off and Current Limit Control Locking mechanism for Charging Connector Control and Management via OCPP & Mobile App
User Authentication	Authentication via BLE, RFID, and OCPP
Configuration Interface	1 x 10/100 Ethernet with Web UI (Charger Controller) 1 x 10/100 Ethernet with Web UI (Communication Controller) Configuration via Mobile App
Connectivity with Modbus Devices	1 x Modbus RTU Master port 1 x Dedicated Modbus RTU Slave port for External Modbus Masters 1 x Dedicated Modbus RTU Slave port for Charger Expansion
Visual Indication	2 x RGB LEDs for Status Indication, 1x Boot Indication LED
Cables	Custom Cables are available for Integration with companion devices
<b>Power Supply</b>	
DC Power Supply	12V@2A AC to DC power supply, DIN Rail mountable
<b>Mounting</b>	
DIN Rail Mounting	The Charger Controller and the power meters shall be mounted on a DIN Rail.

## DIMENSIONS

### Dimensions

Length (L) x Width (W) x Height (H)

124.924 mm x 47.5 mm x 97.05 mm



GadgEon

# EVC100



## MODULAR DESIGN, SCALABLE SOLUTIONS

Suits Residential to  
Industrial Use Cases



## SINGLE OR DUAL CHANNEL CHARGING

Supports 2kW to  
22kW EVSEs



## OPEN INTEGRATION

Seamless integration with  
CSMS using OCPP 1.6J



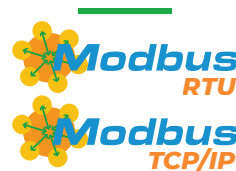
## SEAMLESS CONNECTIVITY

Supports BLE, Ethernet, 4G,  
RFID



## DYNAMIC LOAD BALANCING

Safe and Cost Efficient  
Power Usage



## EXPANDABLE ECOSYSTEM

Connect with PMs, Home  
Automation, and PV inverters  
Using Modbus integration

**GadgEon**  
Engineering Smartness

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