**1. Introduction to JéGO Charger Systems**

JéGO Power provides a range of innovative charging solutions for both public and home use. These systems are designed for affordability, customization, and user control, simplifying energy and e-mobility access.

**2. Commercial AC Charging Solutions**

**2.1 JéGO Power - towerplug® (Reference: REF 1010)**

The towerplug® is a floor-installed public charging station, offering affordability in commercial charging solutions.

* **General Specifications:**
  + Output: 2x 22 kW
  + Design: Customizable (logo, color scheme, cable length, plug type)
  + Communication: Customizable systems, E-Flux by ROAD, App, Wi-Fi & Bluetooth Connectivity, RFID
  + Features: Dynamic Load Balancing, OCPP Connection
  + Certifications: CE Certified
  + Warranty: 24 month warranty
  + Control: Can be controlled using RFID cards and monitored via OCPP connection (e.g., from E-Flux by ROAD)
* **Technical Parameters (Towerplug 2x22kW):**
  + Input Type: 1P+N+PE - 3P+N+PE
  + Input Voltage: AC 230/400V +/-15%
  + Power Factor: >0.99
  + Input Frequency: 50-60Hz
  + Maximum Current: 2x32A
  + Rated Power: 2x22kW
  + Charge Connector: Type 2
  + LED Indicator Light: RGB
  + Cable Length: 5m or Optional
  + Enclosure: Sheet Metal
  + Authorization: Plug & Charge, RFID Card, QR Code, APP, POS980
  + Communication Protocol: OCPP 1.6J (upgradable)
  + Connectivity: Wi-Fi (Yes), Bluetooth (Optional), Ethernet (Yes), 4G (Optional)
  + Safety & Certifications:
    - RCD: Yes
    - Emergency Stop: Yes
    - Protection Rating: IP55/IK10
    - Electrical Protection: Over/Under Voltage Protection, Over Current Protection, Over Temperature Protection, Surge Protection, Residual Current Protection, Cable Lock
    - Residual Current Protection: 30mA Type A + 6mA DC
    - Certifications: CE, UKCA, CB, ROHS
    - System Standards: IEC 61851-1/2017
    - MTBF: 100,000 hours
  + Environment:
    - Mounting: Floor Mounted
    - Operation Temperature: -30°C ~ +50°C
    - Relative Humidity: 5%-95%
    - Operating Altitude: <2000m
  + Product Dimension (W/H/D): 360/1200/250mm
  + Mass: 35kg

**2.2 JéGO Power - towerplug® PROMO (Reference: REF 1013)**

The towerplug® PROMO is a multi-purpose commercial AC charging station equipped with a 55-inch advertising display, allowing Charge Point Operators (CPOs) to generate secondary revenue streams.

* **General Specifications:**
  + Output: 2x 22 kW
  + Display: 55 inch Advertising screen
  + Feature: First multi-purpose AC charging station
  + ROI: 2-3 years
  + Partnerships: Advertising partner collaboration
  + Customization: Customizable design (logo, color scheme, cable length, plug type)
  + Communication: E-Flux by ROAD, OCPP Connection
  + Features: Dynamic Load Balancing
  + Certifications: CE Certified
  + Warranty: 24 month warranty
  + Control: Can be controlled using RFID cards and monitored via OCPP connection (e.g., from E-Flux by ROAD)
* **Technical Parameters (Towerplug PROMO 2x22kW):**
  + Input Type: 3P+N+PE
  + Input Voltage: AC 380V +/-15%
  + Power Factor: >0.99
  + Input Frequency: 50-60Hz
  + Output Voltage: 200-1000V
  + Maximum Current: 32A
  + Rated Power: 2x22kW
  + Peak Efficiency: 0.96
  + Charge Connector: Type 2
  + LED Indicator Light: RGB
  + LCD Display: 55-inch HD Touch Screen
  + Cable Length: 5m or Optional
  + Enclosure: Sheet Metal
  + Authorization: Plug & Charge/RFID Card/APP/POS980
  + Communication Protocol: OCPP 1.6J (upgradable)
  + Connectivity: Wi-Fi (Yes), Bluetooth (Optional), Ethernet (Yes), 4G (Optional)
  + Cert. MID Meter: Yes
  + Emergency Stop: Yes
  + RCD: Yes
  + Protection Rating: IP55/IK10
  + Cooling Method: Forced Air Cooling
  + Noise: <60dB
  + Electrical Protection: Over/Under Voltage Protection, Over Current Protection, Over Temperature Protection, Surge Protection, Residual Current Protection
  + Certification: CE/TUV
  + System Standards: IEC 61851-1/2017
  + MTBF: 100,000 hours
  + Mounting: Floor Mounted
  + Operation Temperature: -30°C ~ +55°C
  + Relative Humidity: 5%-95%
  + Operating Altitude: <2000m
  + Product Dimension (W/H/D): 820/1720/600mm
  + Mass: 145kg
  + Advertising Screen:
    - Panel Size: 55-inch
    - Brightness: 2500nit
    - Active Area: 1210(H)\*680(V)
    - Number of pixels: 1920(H)\*1080(V) pixels
    - Pixel Pitch: 210(H) RGB 630(V)um
    - Display Colors: 16.7M(8bits-true)
    - Power Consumption: 245W (Typ.)
    - Operating System: Windows

**3. Home AC Wallbox Solution**

**3.1 JéGO Power - homeplug® PRO (App Version) (Reference: REF 1035)**

The homeplug® PRO is a compact yet powerful PRO version of JéGO's consumer-friendly charging solution for homes.

* **General Specifications:**
  + Power: 1.4-7.4 kW
  + Installation: World's first consumer-friendly wallbox, over 75% time reduction on installation. Delivered with detailed instruction videos, manuals, and tools (screwdriver, step-drill, hardware).
  + Features: Optional Dynamic Load Balancing
  + Size: Over 50% reduction in size
  + App Control: Includes an app to oversee all charging activities and schedule sessions, giving complete control.
  + Certifications: CE Certified
  + Warranty: 24 month warranty
* **Technical Parameters (JéGO homeplug® PRO):**
  + Voltage: AC 230V
  + Current: 6-32A
  + Power: 1.4-7.4kW
  + AC Power Frequency: 50/60Hz
  + Mass: 1.15 KG
  + Product Dimensions: H:130mm x W:200mm x D:115mm
  + Connection: Type 2 Socket
  + Communication Interface: APP, Bluetooth, Wi-Fi
  + Smart Assistance: Dynamic Load Balancing (optional)
  + Protection & Standards:
    - Safety Compliance: IEC 61851-1, IEC61851-21-2 EVSE Mode 3
    - Multiple Protections: UVP, OVP, RCD (TypeA+DC6mA) RCP, GFP, OCP, OTP
  + Environment:
    - Operating Temperature: -30°C ~ +55°C
    - Relative Humidity: Up to 95% non-condensing
    - Altitude: <2000M
  + IP Level: IP54
  + IK Rating: