



DEFA Balancer™

Item.no: 715008, DEFA Balancer excl. Sensors.

Optimize utilization of power in a DEFA Power installation.

DEFA Balancer™

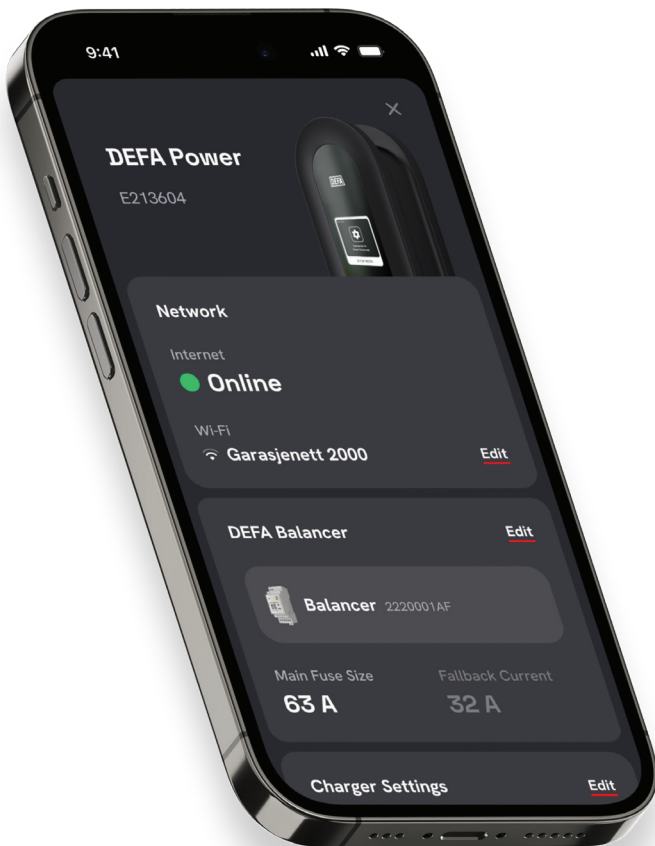
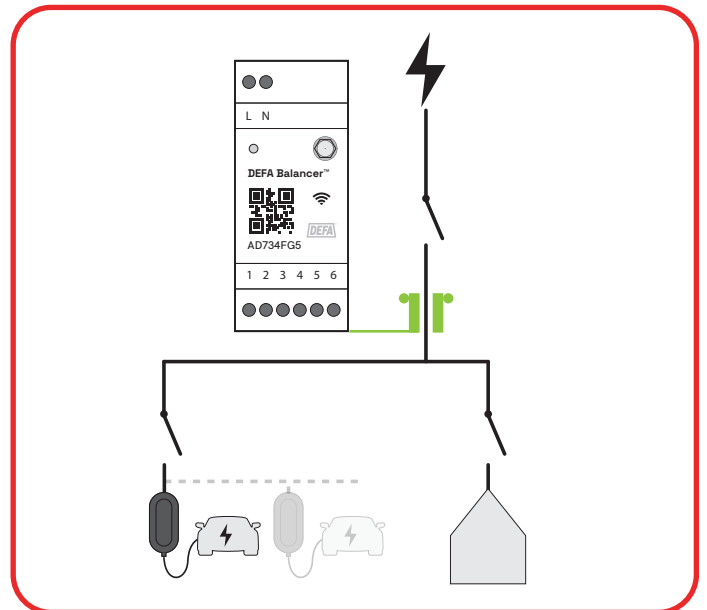
Full dynamic load balancing unit

Optimizing use of all available capacity in your installation. DEFA Balancer monitors power consumption and distributes available capacity directly to the charging station.

Easy installation — and one solution fits all.

Wireless or wired installation.

DEFA Balancer is compatible with DEFA Power charging station and DEFA Sensor kits.



Simple configuration using Power Setup

DEFA Balancer can configure to different current sensors using the DEFA Setup App Tool during commissioning of your DEFA Power Installation.



Download the app from
Apple Store or
Google Play store

Specification

General:

Product name: DEFA Balancer excl. Sensors
Part number: 715008
Product or component type: Current sensor
Product specific application: Load monitoring
Type of measurement: Current
Accuracy: +- 2%
Metering type: Current L1, L2 and L3
Operating temperature: -25°C to +60°C
Storage temperature: -30°C to +70°C

Dimension:

Number of modular spacings: 2

Interface:

LED

Compatible sensors:

Item number	Item name	Maximum current
717744	DEFA Sensor Kit CT 3x200A	200A
717745	DEFA Sensor Kit CT 3x400A	400A
717747	DEFA Sensor Kit CT 3x800A	800A

Antenna:

Connector type: SMA male
Connector angle: 90°
Cable length: 1 m
Frequency range: 2.4GHz or 5GHz (Wi-Fi)

Communication:

Transmission medium: Radio frequency 2.4GHz or 5GHz (Wi-Fi) Ethernet

Specification

Safety & protection:

Overvoltage category: II
IP degree of protection: IP20
IK degree of protection: IK06
Pollution degree: 2
Relative humidity: 0...95 % at 55 °C
Appliance class: Class II
Operating altitude: 0...2000m

Standard & certification:

CE
Safety: IEC 61010-1
Radio / EMC: 2014/53/EU - RED

Connection:

Grid: TN / IT / TT
Mounting mode: DIN rail
Supply fuse size: Up to 16A
Cable Entry: 0.2-2.5mm²
Tightening torque: 0.5Nm
Supply voltage: 230 V AC, +/- 10 %
Frequency: 50/60HZ
Consumption: 0.03A

Warranty:

5 years

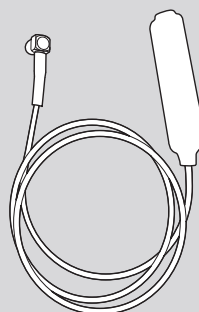
Recycling:

Electronic waste

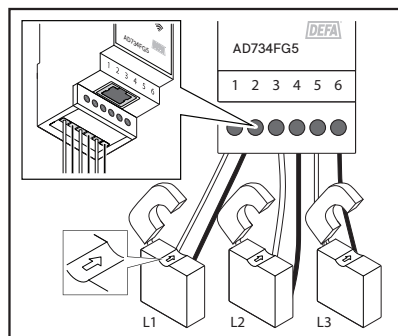
Included:

DEFA Balancer

Wi-Fi antenna



Connection / wiring



OR

