

Dynamic Load Management

(DLM) Software

Make simultaneous EV charging easier, faster and cheaper



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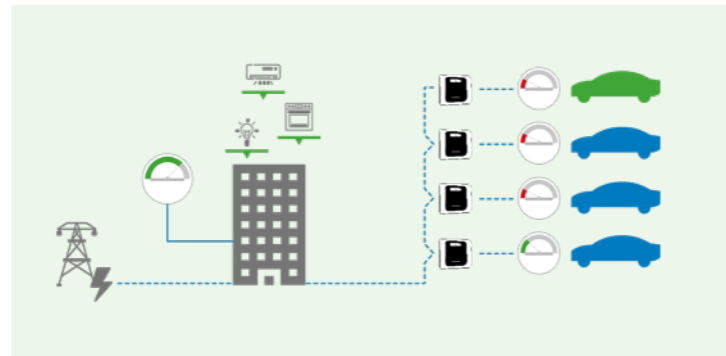
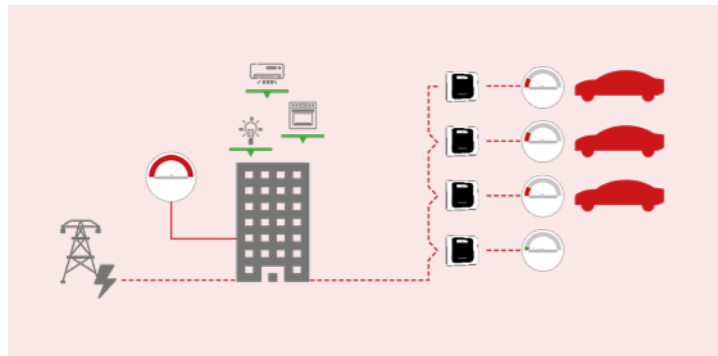
rev. 1.0

WITHOUT DYNAMIC LOAD MANAGEMENT

The constant growth in EV charging requires a smart system to manage the charging process.

WITH DYNAMIC LOAD MANAGEMENT

- Avoid grid overload related issues
- Minimise operational costs
- Install a multiple and simultaneous EV charging infrastructure



OPTIONAL KITS FOR DLM

Dynamic Load Management system is a specific solution for AC chargers suitable with the following models:

- Dual AC connector type 2
- Single AC connector type 2

Charge points models on the right can either be single-phase or three-phase supply.

Charge points	Compatibility
eVolve Smart	✓
WB Smart	✓
eNext Park	✓
eNext Elite	✓
eVolve Master	✗
Raption Series	✗
eVolve Rapid	✗

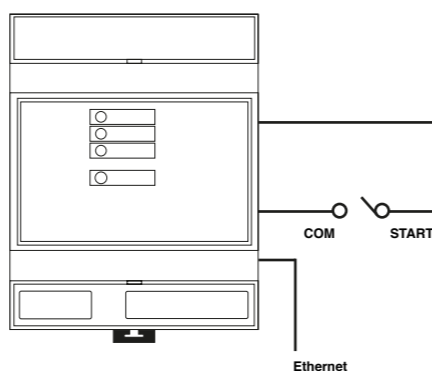
OPTIONAL KITS FOR DLM

BUILDING MANAGEMENT KIT (BMK)

Optional DLM kit that measures the available power of the installation and optimises EV charging process.



Model	Max Current	Split Core
BMK 125+	125 A	✓
BMK 250+	250 A	✓
BMK 400+	400 A	✓
BMK 800+	800 A	✓
BMK 1000+	1000 A	✓
BMK BASIC	-	✗



GRID DEMAND FOR DLM (GD-DLM)

Optional DLM kit used to temporarily decrease or completely block an EV charge in real time from an external device. It allows control DLM and the specific consumption of the chargers in real time and, when connected to a smart device, it allows to remotely control the energy supply via Internet.

PRODUCT HIGHLIGHTS



OCPP

Chargers can be simultaneously controlled via OCPP communication by other external smart devices.



POWER OPTIMISATION

Optimise the charge of the EV by automatically adapting to the maximum available power of the installation.



OFFLINE OPERATION

Whenever there's a failure in network communication DLM allows to keep charging, saving the information until reconnection occurs.



CONTROL THE LIMITS

Never exceed the contracted power thanks to its automatic power regulation, avoiding extra costs, grid overload and blackout situations by overconsumption.



BMK (Optional)

It measures power supply in real time, dynamically adjusting the available power depending on the electric vehicles.



REMOTE MONITORING

Remotely monitor all installation's power consumption installation in real time.



EV PRIORITY CHARGERS

Prioritize one or several EV chargers depending on your needs.



LOCAL POWER MANAGEMENT

DLM is allocated at the same place where charge points are installed, easing any maintenance service.

Designed for:

