

# Dynamic Load Management

RDX charger supports power consumption (current draw) control to prevent circuit breaker tripping (overloading).

Overloading causes multiple high-energy appliances working at the same time, such as an oven, dishwasher, heat pump and EV charging.

RDX Charger monitors a current draw by appliances and in real time allocates (limits) available capacity allowing them to run without overloading.

**NOTE:** Power sensor must be mounted so that it can measure power & current on grid (power supply for object/home).

Procedure to activate Dynamic Load Management is as follows:

- [HEMS Configurator](#) → settings → Virtual grid PS must be disabled (1)
- Wire [PM1-E-D](#) or [PM3-E-D](#) to [WM-1](#) module
- HEMS Configurator → settings → select WM/WR binding button and follow [WM/WR binding instructions](#) (2) (3)



- Power sensor is detected. Add it to grid position (4)



- Power sensor configured successfully (5)



- HEMS Configurator → dlm, enter allowed current value of grid fuses (6)
- make sure to configure phase order (7) correct, otherwise dynamic load management may not work properly
- select limiter priority for RDX Charger (8): no limiter, limit last (last to be limited), limit second, limit first (first to be limited)

