

WALLE load balancing

Instructions



Pairing Indicator Current adjust

Walle -load balancing works to keep the current of the protected fuse under the selected value by adjusting the car's charging current. Adjusting range is 6 – 16 A/charger, within which the load balancing can prevent the fuse from being overloaded.

Input voltage: 12 Vdc, plug 5.5/2.1 mm



Current limit selection:

Position	100A clamps	200A clamps
0	16A	32A
1	25A	50A
2	35A	70A
3	50A	100A
4	63A	126A
5	80A	160A
6	100A	200A

Installation: Install the supplied current measuring clamps around the wires fed from the protected fuses. For one phase installation a single clamp is sufficient. Insert the clamp plugs in to the central unit. The order of plugs is not relevant. Select the level of protection current with the rotary switch. Connect 12 Vdc to the central unit.

Pairing (if not factory-paired):

- Set the central unit to pairing mode by pressing the pairing button. Indicator colour changes to white. Pairing mode shuts down automatically after 5 minutes or by pressing the pairing button.
- Set the charger to pairing mode, indicator of the charger starts to blink white. Indicator flashes with a colour according to signal strength (green, yellow or red), while the charger is paired.
- Now take the charger out of pairing mode by pushing the pairing button for a while.

4. The indicator of the charger starts flashing while waiting for a control signal.

5. Take the central unit out of pairing mode by pushing the pairing button.

Indicators:

I. Charger

- Flashing white – The charger is in pairing mode
- Flashing yellow – The charger is not paired.
- Flashing red – Charger waits for a control signal / connection problem, the charger has not received a control signal for two minutes.
- green – good signal
- yellow – moderate signal
- red – weak signal

II. Central unit

- green – current below the limit, full charging current
- yellow – current near limit, no need to adjust
- red – current over limit, charging current is being lowered
- flashing green – current below limit, charging current increases
- red flashing once per second – over current 25%, charging current decreases -25%
- red flashing 4 times per second – overcurrent 50%, charging current decreases -50%
- white – pairing mode

WALLE

Fast and safe

wallelaturit.fi

trafomic.fi