



PV heating

POWER TO HEAT



FlowSol® E

Optimum store stratification and energy use



DeltaTherm® PV

Direct control of the electric immersion heater in the store



PV heating – simply more

The products from our "PV heating" category enable you to use and store your home-generated power by converting excess current into thermal energy.

- Intelligent control technology for optimum store stratification, e. g. loading of the upper store zone for optimum energy use (**FlowSol® E**)
- Intelligent control technology for variable electric heaters (**DeltaTherm® PV**)
- Converts excess PV current into heat and stores it for later use

They form the missing link between the photovoltaic system and the heat generator – for more independence, decreased heating costs and less CO₂ emissions.

- Helps by using more regenerative power for yourself and decreasing heating costs
- Contains power fluctuations, observes household power priority

FlowSol® E

The RESOL FlowSol® E has been especially designed for using excess power produced by PV systems.

The measuring device reliably detects excess current and the integrated controller redirects it to a variable electric heater for heating a water store. Thus, excess power can be stored as regenerative heat, internal consumption can be increased while decreasing conventional heating costs.

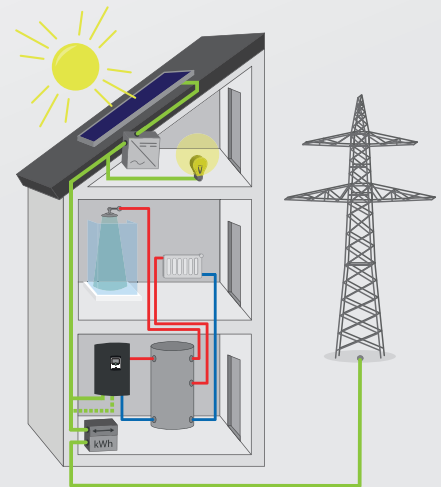
- Integrated high-efficiency pump and DeltaTherm® E controller
- Retrofittable in all heating and DHW systems
- Integrated electric heater of up to 3 kW, variable and grid compliant
- Reliable household power priority

RESOL FlowSol® E – DeltaTherm® E

Electrothermal station, incl. DeltaTherm® E controller, power unit and measuring unit

Article no. (heating water): **112 199 33**

EXAMPLE



DeltaTherm® PV

The DeltaTherm® PV controller detects excess current, e.g. produced by PV systems, calculates the energy available and redirects it to an electric heater. Thus, excess current can be directly converted into thermal energy and stored.

- Using excess current for heating a water store
- Can be fitted to all stores equipped with an electric immersion heater
- Electric heater of up to 3 kW, variable and grid compliant
- Reliable household power priority
- Direct control of the electric immersion heater in the store
- Economical solution for using excess current

DeltaTherm® PV – Full kit

incl. measuring unit and 3 current sensors

Price on request | Article no.: **115 006 53**

EXAMPLE

