



PV heating

POWER TO HEAT

RESOL®
CONTROL TECHNOLOGY



DeltaTherm® PHM

Intelligent distribution of excess PV current to different loads

DeltaTherm® PV / PV MAX

Direct control of 1 / up to 3 electric immersion heaters in the store

FlowSol® E

Optimum store stratification and energy use

The products from our "PV heating" category enable you to use your PV current e.g. by converting excess current into thermal energy.

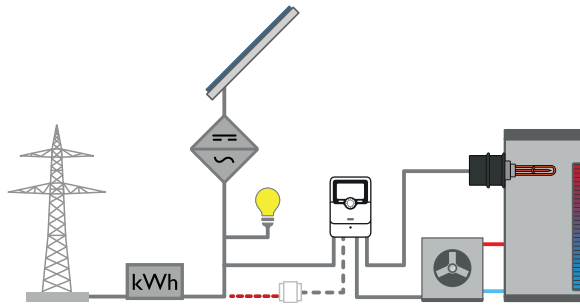
They form the missing link between the photovoltaic system and the heat generator – for more independence, decreased heating costs and less CO₂ emissions.

	DeltaTherm® PHM	DeltaTherm® PV	DeltaTherm® PV MAX	FlowSol® E
Electric immersion heater, stepless variable	-	✓ up to 3 kW	✓ up to 9 kW	✓ up to 3 kW
Electric immersion heater, constant power stage	3 x via auxiliary relays	-	-	-
Control of a heat pump	✓	-	✓	-
Control of a wallbox	✓	-	✓	-
Control of external loads	-	-	✓*	2 x via auxiliary relays
Backup heating with mains current (optional, time-controlled)	✓	✓	✓	✓
SmartRemote access	✓ (on/off)	✓	✓*	✓
0-10 V power control	-	✓	✓*	✓
Inverter power limitation	-	✓	-	✓
Suitable for all grid-connected systems	✓	✓	✓	✓
Can be easily fitted to existing systems	✓	✓	✓	✓
Household current priority	✓	✓	✓	✓
Visualisation via VBus.net	✓	✓	✓	✓
MircoSD card slot	✓	inside the housing	inside the housing	✓
Optional functions	✓	-	✓	-
Mixed heating circuits	-	-	✓*	-

* in preparation

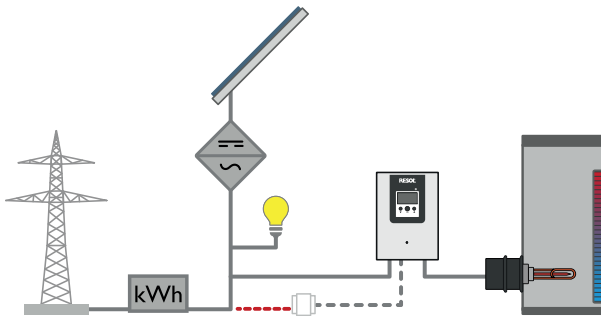
DeltaTherm® PHM

The DeltaTherm® PHM is the ideal solution for using excess PV current for the control of different loads. Heat pumps, electric immersion heaters, and charging stations for electric vehicles can be controlled as needed.



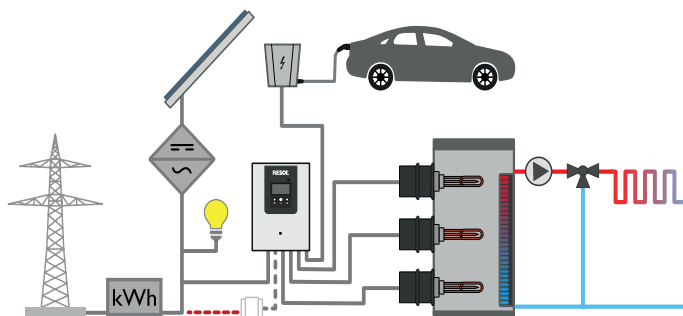
DeltaTherm® PV

The DeltaTherm® PV is used for the direct and stepless control of an electric immersion heater in the store. Installation is quick and easy.



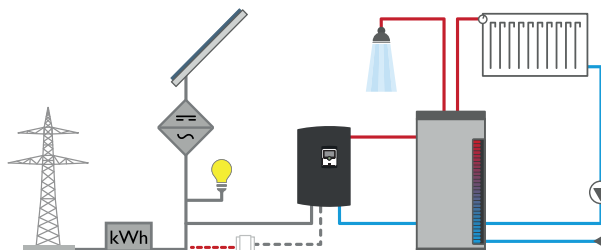
DeltaTherm® PV MAX

The DeltaTherm® PV MAX is used for the direct and stepless control of up to 3 electric immersion heaters in the store as well as for the control of different loads.



FlowSol® E

The FlowSol® E electrothermal station is equipped with a HE pump as well as with an electric heating up to 3 kW. Intelligent control technology enables optimum store stratification, e.g. loading of the upper store zone for optimum energy use.



Article no.	Article	Price bracket
115 007 13	DeltaTherm® PHM – Full kit » incl. sensor module, 3 current sensors and 3 Pt1000 sensors (FRP6)	A
115 006 53	DeltaTherm® PV – Power-to-Heat controller – Full kit » incl. sensor module, 3 current sensors and 1 Pt1000 sensor (FRP6)	B
115 007 23	DeltaTherm® PV MAX – Power-to-Heat controller – Full kit » incl. sensor module, 3 current sensors and 3 Pt1000 sensor (3x FRP6)	B
112 199 33	FlowSol® E – DeltaTherm® E – Electrothermal station (heating water) » incl. DeltaTherm® E controller, power unit and sensor module	A