

# A customised solution for your project

Reduce your CO<sub>2</sub> emissions by using green electric power instead of fossil fuels already with a Bosch hybrid boiler or be ready for the future use of it by choosing a Bosch hybrid-ready boiler. Our hybrid boilers can be used purely for keep-warm function or for steam generation.

Technical data	
	Steam generation (with UL-S/ZFR)
Max. electr. power	up to 5 MW
Voltage	400/690
Max. pressure stage	up to 16 bar

- ► Use of surplus electricity (e.g. CHP, turbine, PV) or to stabilise the power grid
- ► Very wide modulation range, ideal for fluctuating heat demand
- ► Amortisation of additional investment costs possible through surplus or free electricity
- ► Fast availability reduces burner switching cycles during boiler startup, partial load, and keep-warm periods
- ► Some energy suppliers offer favorable rates or free electricity if the electric auxiliary heating can be switched on by the supplier in the event of an electricity oversupply

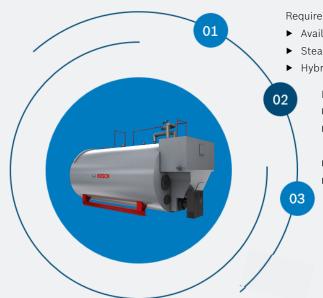
### Complete system control from one hand

- ► Comprehensive system control as well as optional connectivity to your control technology
- ► Completely wired and pre-tested ex works
- ▶ All safety equipment and control devices installed
- ▶ User-friendly interface operated via touch panel
- Commissioning and training are part of the scope of delivery
- ▶ BCO included in the scope of delivery
- ▶ Optional: control cabinet air conditioning available

Connecting cables between terminal box (power heating bundle) and power cabinets are generally not included in the scope



## **Steps to your Bosch Hybrid Boiler**



Requirements to be clarified by you

- ► Availability of green electricity
- ► Steam output or keep-warm function
- ► Hybrid ready or hybrid boiler

Individual system design for overall efficiency and low flue gas temperature

- ▶ Hybrid ready/fully hybrid equipped/comparison to separate fully electric boiler
- ► Very high efficiency for all output ratings from 1,250 to 28,000 kg/h for low running costs and emissions
- ► Required space in the boiler house
- ► Checking of electrical connection/output

Project evaluation by Bosch Industrial Boiler headquarters

- ► Feasibility check
- ► Project calculation
- ► Individual offer

Regional availability is checked on a project basis according to locally applicable regulations

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<sup>\*\*</sup> max. EUR 0.10/min from Austrian landline