OSO

Maxi Charge

-smartcontrol for commercial water heaters

MADE IN NORWAY
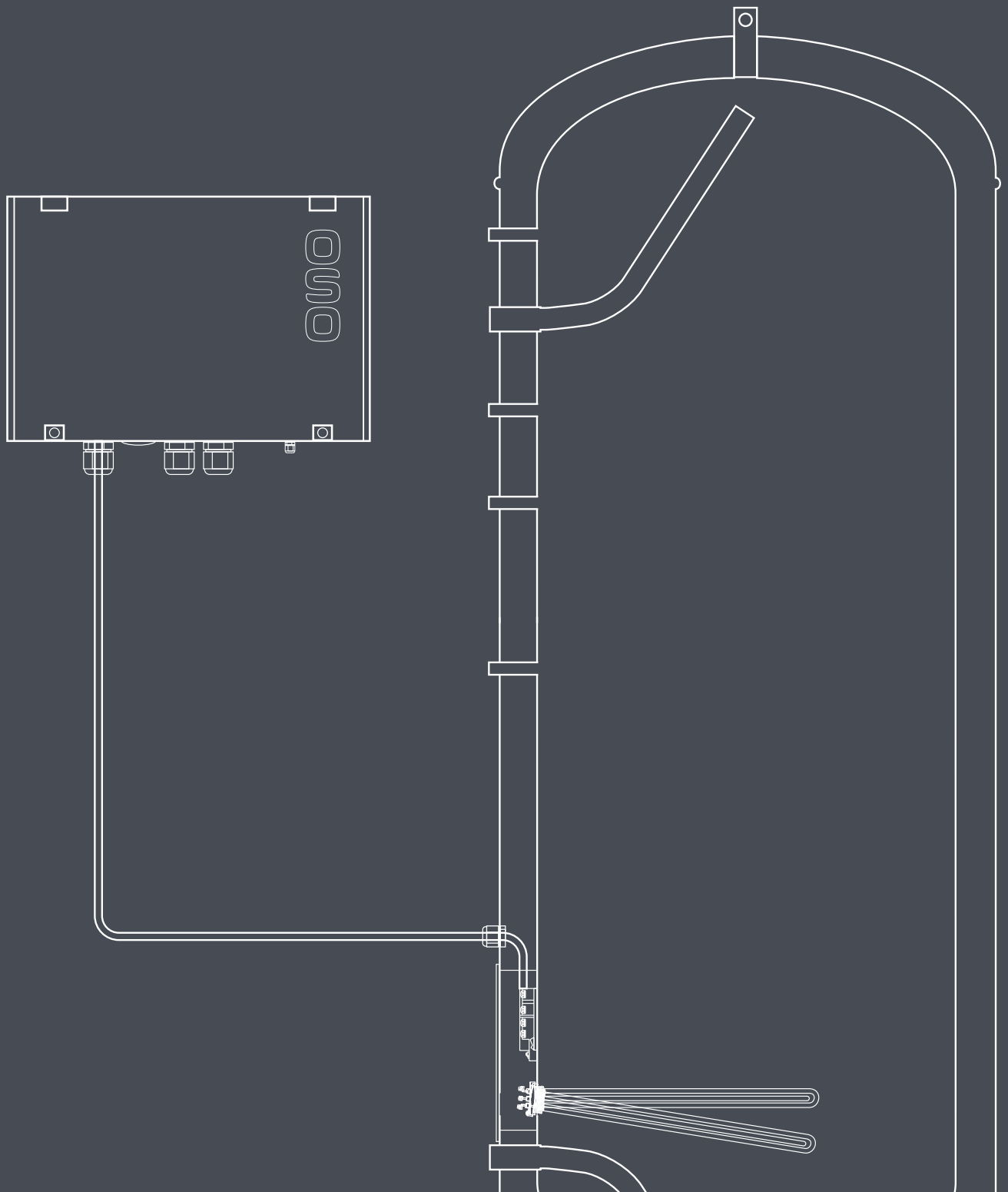
MAXI CHARGE R3
Smart control for use with OSO commercial water heaters

MADE IN NORWAY

**230/400 VOLT**

IP 66

API

MAXI CHARGE can provide significant savings on electricity consumption for water heating, and can be retrofitted to older OSO MAXI industrial water heaters.

MAXI CHARGE R3 has been developed to enable optimization of power consumption in OSO industrial boilers:

PRICE OPTIMIZATION
Automatic price optimization against the national time of use tariffs. Heating when the electricity price is low and avoiding peak load tariffs

AI - MACHINE LEARNING
Adapts to facility consumption using machine learning and historical data..

HISTORICAL CONSUMPTION
Overview of hot water consumption.

SECURITY
Several layers of security, both in hardware and software. Both legionella protection and frost protection are built in.

SOLAR MODE
Store excess solar energy as hot water to enhance efficiency and cut costs.

WHY MAXI CHARGE?

- Significant savings on electricity consumption for water heating
- Very cost-effective in larger boiler plants
- Prepared for optimization of solar systems
- Can be retrofitted on older OSO MAXI, see table on next page
- Full control over power consumption with the OSO InCharge app

KEY COMPONENTS

Electrical installation:	2x25A, 3x25A, 1x40A or 2x40A, 230/400V
Communication:	WiFi 2.4 and 5 GHz, IEEE 802.11 b/g/n
Configuration:	Bluetooth 4.3
Standards:	IEC 60730 and EN 60335
Degree of protection:	IP 66
Interface:	OSO inCharge App / Open cloud-based API
	Integrated eSim (4G/LTE)
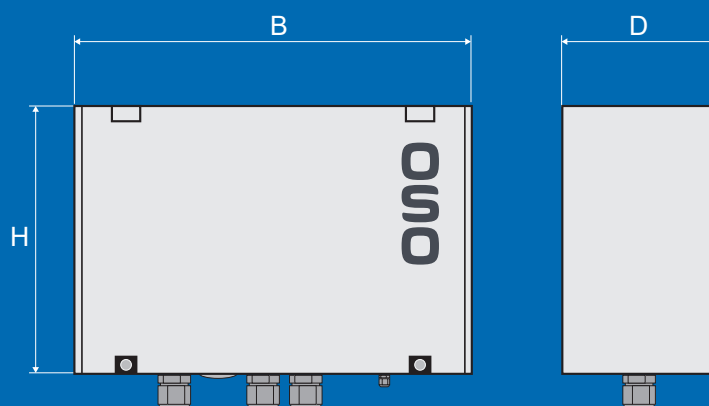
TECHNICAL DATA

OSO no.	Product name	Dimension - mm. BxHxD	Product description
11012318	MAXI CHARGE R3 (2x7,5kW) - 2x25A,230V/400V with temp.sensor	615x415x230	Smart control with electrical cabinet
11012319	MAXI CHARGE R3 (3x9kW) - 3x25A,230V/400V with temp.sensor	615x415x230	Smart control with electrical cabinet
11012320	MAXI CHARGE R3 (1x15kW) - 1x40A,230V/400V with temp.sensor	615x415x230	Smart control with electrical cabinet
11012321	MAXI CHARGE R3 (2x15kW) - 2x40A,230V/400V with temp.sensor	615x415x230	Smart control with electrical cabinet

MAXI CHARGE SMART CONTROL
Full control with the OSO InCharge app

The OSO InCharge app provides full control:
- Overview of consumption over the last year.
- Available capacity and temperature in the boiler.
- Supports parallel and serial connected systems.

The OSO InCharge app can be easily downloaded to your smartphone from Apple AppStore or Google Play.

OSO ENERGY

OSO inCharge

Features also accessible through our web interface

Available on the **App Store**

ANDROID APP ON **Google Play**

MAXI CHARGE READY PRODUCTS

OSO product	Volume	Manufactured from - date	
Maxi Standard - MS	600 - 1000 l.	26/9 - 2017 >	
Maxi Xpress - MX	600 - 1000 l.	26/9 - 2017 >	
Maxi 17RE	600 - 1000 l.	1/1 - 2010 >	
Maxi 17RED	600 - 1000 l.	1/1 - 2010 >	

OSO

World class hot water cylinders since 1932