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Comfortable Heating

Sundirect infrared heating panels emit a very high ratio of radiant heat similar to the warmth of the rays of the sun. Rather than heating the air, infrared heaters warm objects directly creating a comfortable and cozy atmosphere. There won't be any dust circulation or air radiation like with convection heaters and the humidity in the room stays the same. No dry winter skin and eyes anymore! You will feel more comfortable in a shorter period of time.

Green Heating

Infrared heaters heat objects and bodies in range directly. These will store the thermal mass releasing heat slowly back into the room. This means you effectively need to heat less as the heat can't escape the room as fast as if you would just heat the air resulting in tremendous energy savings. Since they are running on electricity this also means they can be used in conjunction with renewable energies such as solar energy to reduce CO2 emissions even further.







Sundirect's smart control systems are specifically designed to save energy, creating a convenient and user-friendly experience. Our smart controls are not just add-on thermostats, we are offering smart control systems that are specifically designed to use with our **PLUS range heaters**(with a built-in receiver on the backside of the panel). No need for bulky plug-in or box receivers that are complicated to connect anymore. You will have several choices of control systems with different functions both fully compliant with the EU ecodesign regulation(*ErP/Lot20*) and tested by TUV - Smart 1.0, Smart 1.0 Pro and SmartPlug.



7 Day Program

This function allows you to set up your very own heating schedule for each day of the week. Use different temperature settings e.g. for when you are at home, work or when you go to bed. Our 7 Day Program can save up to 15% of energy compared to manual control systems.

Available with Smart1.0, Smart1.0 Pro and SmartPlug.



Adaptive start

With Adaptive start the control system is learning how long the infrared panel heaters will take to reach the programmed temperature settings so the temperature is reached at the time you set. This means your heat will come on earlier so that the temperature is reached e.g. by the time you get up. With adaptive start you can save up to 2% of energy compared to manual controls.

Available with Smart 1.0 and Smart 1.0 Pro.



Open Window Detection

This function automatically detects a sudden temperature drop and will automatically make the heater to go into energy saving mode. Open window detection can save up to 4% of energy.

Available with Smart 1.0 Pro.



WIF

Our Wifi function allows you to control your heaters remotely from any iOS or Android device. You can easily monitor the heating status of your heater and modify the setting remotely from your mobile. The Wifi heating control allows you further energy savings of up to 10%. *Available with Smart1.0 Pro and SmartPlug.*



Control your Sundirect infrared heater? Simply speak!!!

It has never been easier to control heating and at the same time save energy and money. Now you can instantly connect the Sundirect infrared panel with the Alexa or Google home voice service. Just tell Alexa or Google your desired temperature, sit back, and relax in the comfortable warmth of your home.

Voice controllable smart thermostats:

Smart1.0Pro SmartPlug

Voice controllable infrared heaters:

TH400 TH600-Pro Stone600-Pro Footwarmer220-Pro Tower1000-Pro OC2500-Pro

**All Plus range heaters need to be connected to Smart1.0Pro or SmartPlug in order to be voice controllable.



Smart indoor heating Range



Models	PE-Plus	IC-Plus	GD-Plus	MD-Plus	ART-Plus	IC900-Plus-Black
Description	Framed panel	Frameless panel	Glass heater	Mirror heater	Picture heater	Blackboard heater
Powers	350-1000W	400-1100W	400-800W	300-650W	400-1100W	900W
Control	Wireless	Wireless	Wireless	Wireless	Wireless	Wireless
Mounting	Wall/ceiling	Wall/ceiling	Wall only	Wall only	Wall/ceiling	Wall/ceiling

- *All models named "Plus" are wireless controllable with a built-in thermostat receiver and can be controlled by Smart1.0/Smart1.0Pro or SmartPlug.
- *TH400 and all models named "Pro" are Wifi controllable with an integrated temperature control box so no additional thermostat is needed.



Models	TH400	TH600-Pro	LM600-Pro	Stone600-Pro	Footwarmer220-Pro	Tower1000-Pro
Descritpio	Towel warmer	Bathroom heater	3 in 1 mirror heater	Stone heater	Foot warmer	Freestanding
Powers	400W	600W	600W	600W	220W	1000W
Control	Manual/Wifi/Voice	Manual/Wifi/Voice	Manual/Wifi/Voice	Manual/Wifi/Voice	Manual/Wifi/Voice	Manual/Wifi/Voice
Mounting	Wall only	Wall only	Wall only	Wall only	Portable	Portable



The Sundirect PE-Plus series is a basic version infrared heating panel and offers great value for money. The white Aluminium surface and white powder coated frame offer a slim design suitable for residential and commercial installations. Our PE350-Plus and PE700-Plus panels can also fit standard ceiling grids with dimensions of 60*60cm and 60*120cm. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- ▶ Thin and timeless frame design
- Wall and Ceiling mounting
- ▶ Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
PE350-Plus	350W	60*60cm	Wall/ceiling mounting	3-7m²
PE380-Plus	380W	30*120cm	Wall/ceiling mounting	3-7m²
PE540-Plus	540W	60*90cm	Wall/ceiling mounting	5-11m²
PE700-Plus	700W	60*120cm	Wall/ceiling mounting	7-14m²
PE1000-Plus	1000W	85*120cm	Wall/ceiling mounting	10-20m²







Specifications:

• Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

Cable: 1.9m length cable with plug



The Sundirect IC-Plus series is a premium version infrared heating panel. The white aluminium powder coating surface and smooth corner finish create an elegant design that perfectly integrates in any room interior. The special panel design ensures an even heat distribution throughout the entire panel surface up to the edges. This makes it one of the highest efficient frameless panels in the market. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- ▶ Premium frameless design
- ▶ Built-in thermostat receiver
- ▶ Easy-Fit mounting solution
- Wall and Ceiling mounting

Model	Power	Size	Mounting	Heated area
IC400-Plus	400W	60*60cm	Wall/ceiling mounting	3-7m²
IC700-Plus	700W	62*98cm	Wall/ceiling mounting	7-14m²
IC900-Plus	900W	68*123cm	Wall/ceiling mounting	9-18m²
IC1100-Plus	1100W	63*153cm	Wall/ceiling mounting	11-22m²







Specifications:

• Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug



The GD-Plus series is made from high quality safety ceramic glass combining sophisticated design with optimum heating performance. The nature of ceramic glass allows more infrared rays to pass through compared to regular safety glass. It is available in black and super white which is a true white. This glass panel has IP44 protection class making it suitable to use in bathrooms. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- ▶ Sleek and modern glass design
- ▶ Easy-Fit mounting solution
- ▶ Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
GD400-Plus	400W	66*66cm	Wall mounting	4-8m²
GD600-Plus	600W	60*100cm	Wall mounting	6-12m²
GD800-Plus	800W	60*120cm	Wall mounting	8-16m²

Color: Super white/Black







• Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug



Sundirect's infrared mirror heaters are suitable for bathrooms as they do not fog up and provide a dual function being a heater and mirror at the same time. This mirror panel is IP44 approved. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- Dual function infrared heater with mirror surface
- ▶ Easy-Fit mounting solution
- ▶ Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
MD300-Plus-V3	300W	60*60cm	Wall mounting	3-6m²
MD450-Plus-V3	450W	60*85cm	Wall mounting	5-9m²
MD650-Plus-V3	650W	60*120cm	Wall mounting	7-13m²







Specifications:

Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug



IC900-Plus-Black is our new wireless controllable infrared blackboard heater. This frameless panel heater has a special black surface which allows you to write on it with chalk. You can clean it easily with a wet cloth. Our black heater is a great design choice to use in kitchens or offices combining cozy warmth with functionality. The black heater has the same structure and control system as our white IC-Plus heaters, so it can also be ceiling mounted and used as normal ceiling heater. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- Writable infrared heater
- Wall and ceiling mounting
- ► Easy-fit mounting solution
- ▶ Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
IC900-Plus-Black	900W	70*125cm	wall/ceiling	9-18m²





Specifications:

• Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug





The IC-Plus(ART) series is the printing version infrared heater based on our IC-Plus ranges. You have the option to customize your infrared panel with any print of your choice. The UV printing above the white steel surface offers a unique and elegant design that seamlessly integrates into your home with a picture of your loved ones or a beautiful art print. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- ➤ Customizable sleek frameless design
- ► Easy-Fit mounting solution
- ▶ Built-in thermostat receiver

Images:



















SMART 1.0

Smart1.0 is the wireless remote control thermostat that is specially designed to work together with the *Plus range* infrared heating panels.

With our Smart 1.0 control system you can now take full control of your heating and proactively save energy with our unique advanced features. You can pair one remote control with several panels in the same room and control all of them at once. It can be either surface mounted to the wall permanently or used as a remote control. With our easy set up design, you can set up the communication to the built-in receiver in just a few minutes. The Smart 1.0 remote control is powered by 2*AAA batteries.

Features:

- Modern touch screen design
- ▶ Easy set up
- 7days program on each day
- ▶ 5+2 program
- Adaptive start
- ▶ Holiday mode

- Power: Battery back-up.
- Control: Wireless via RF
- Operating temperature: 5-30°C
- Size: 86*123*20mm
- Frequency: 433MHz via RF
- Control distance: 35m in open obstacle
- Communicating models: All the "Plus" models















SMART 1.0 PRO

Sundirect Smart 1.0 Pro is the upgrade version wireless thermostat based on Smart 1.0.

For even further energy savings and convenience we have developed Smart 1.0 Pro, a control system uniquely designed for our infrared heaters with WIFI function.

The Smart 1.0 Pro control system comes with a thermostat and also can be operated via the "Sundirect Smart" APP. It is compatible with all infrared heaters of the Sundirect *Plus range*. With our smart control system, you can take full control over your heating using the "Sundirect Smart" APP remotely from any iOS or Android device. You can pair one thermostat with several panels in the same room and control all of them at once in one APP. The Smart 1.0 Pro remote control must be wired to your home grid.

Features:

- ▶ Modern touch screen design
- ▶ Easy set up
- → 7days program on each day
- Open window technology
- Adaptive start
- ▶ Holidav mode
- ▶ Wifi control via APP
- Group control via APP
- ➤ Voice controllable via Alexa or Google home

- Power: 220-240V, 50Hz
- Control: Wireless via RF
- Operating temperature: 5-40°C
- Size: 86*123*20mm
- Frequency: 433MHz via RF
- Control distance: 35m in open obstacle
- Communicating models: All the "Plus" models























Sundirect SmartPlug is the plug version wireless Wi-Fi thermostat. It can be operated via the "Sundirect Smart" APP.

Smart Plug is compatible with all infrared heaters of the Sundirect Plus range. With our smart control system, you can take full control over your heating using the "Sundirect Smart" APP remotely from any iOS or Android device. You can pair one SmartPlug with several panels in the same room and control all of them at once in one APP.

SmartPlug is designed for plug&play, no wiring is needed, plug the SmartPlug in the wireless communication distance to the panel and you can start to enjoy Sundirect's smart heating control solution.

Features:

- Modern touch screen design
- Easy set up
- ▶ 7days program on each day
- ▶ Holiday mode
- Wifi control via APP
- Group control via APP
- → Voice controllable via Alexa or Google home

- Power: 220-240V, 50Hz
- Available plug: EU/Swiss Plug
- Control: Wireless via RF
- Operating temperature: 0-37°C
- Size: 118*65mm
- Frequency: 433MHz via RF
- Control distance: 35m in open obstacle
- Communicating models: All the "Plus" models

















Sundirect's new TH400-V2 infrared towel heater comes with two stainless steel towel rails. The white glass surface looks beautiful in every bathroom. This glass panel has IP44 protection class making it suitable to use in bathrooms. You can control the panel either by using the convenient and stylish touchscreen or using the Sundirect Smart App remotely from your mobile device. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- Modern super white glass design
- ▶ 2 stainless steel towel rail included
- ▶ Touch screen control on glass
- ▶ Wifi control via APP
- ▶ Voice controllable

Specifications:

Surface temperature: 75-85°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug







Model	Power	Size	Mounting	Heated area
TH400-V2	400W	48*100cm	Vertical wall mounting	4-7m²















Sundirect TH600-Pro is a premium bathroom infrared heater. Its innovative dual element design has a higher surface temperature of around 90-100°C on the top heating element and a lower surface temperature of around 70-80°C on the lower level.

The lower level is mainly used for warming and drying towels and the higher level is used to heat the room. The white glass surface looks beautiful in every bathroom. This glass panel has IP44 protection class making it suitable to use in bathrooms. You can control the panel either by using the convenient and stylish touchscreen or using the Sundirect App remotely from your mobile device.

Features:

- ▶ Modern super white glass design
- ▶ Touchscreen control on glass
- Dual heating element design
- One stainless steel towel rail included
- ▶ Wifi control via APP
- ▶ Voice controllable

Specifications:

• Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug

Model	Power	Size	Mounting	Heated area
TH600-Pro	600W	58.5*110cm	Vertical wall mounting	6-12m²

















The Sundirect lighting mirror heater LM600-Pro is a 3 in 1 solution combining a mirror with heating and lighting. Unlike most LED mirrors or defog mirrors, LM600-Pro can be used as a main heating solution for your bathroom. A power input of 600W is capable to heat up the whole bathroom in a very comfortable way. It offers a modern touchscreen design on the mirror surface for manual temperature and lighting controls. But even better it offers a multitude of smart functions if you connect it to the Sundirect Smart App. And for ultimate convenience it's also voice controllable via Alexa or Google Home.

Sundirect offers a 5 years warranty on the heating system and 2 years warranty on the control and lighting. Our smart design makes it very easy to change the lighting bars in case of failure after the warranty period.

Features:

- ▶ Heating+Lighting+Mirror
- ▶ Touchscreen control on mirror
- ▶ 2 LED lighting bar
- ▶ Wifi control via APP
- ▶ Group control via APP
- Voice controllable

Specifications:

• Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug

Protection: IP44

Model	Power	Size	Mounting	Heated area
LM600-Pro	600W	65*110cm	Wall	6-12m²







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Sundirect Stone600-Pro is a premium Wifi-controllable stone heater. Stone600-Pro is an innovative infrared stone heater with a 3D structure surface. The Stone 600-Pro offers a very comfortable infrared heating experience and a timeless design inspired by nature at the same time. Stone 600-Pro is IP44 rated making it usable in bathrooms. Its backside has been equipped with fixing holes to add 3 optional towel rails (Model Nr.TR003) so it can be used as towel warmer. Stone 600- Pro has an integrated temperature control box and it's working with the Sundirect Smart App. For ultimate convenience it can be voice controlled via Alexa and Google Home.

Features:

- Designing stone surface
- Integrated control system
- ▶ Easy-fit mounting solution
- ▶ Wifi control via APP
- ▶ Group control via APP

Specifications:

Surface temperature: 85-95°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug

Model	Power	Size	Mounting	Heated area
Stone600-Pro	600W	55*110cm	Vertical wall mounting	6-12m²



















Sundirect Footwarmer220-Pro is a specially designed small scale portable infrared heater that can be used to warm the feet. It operates at a surface temperature of 70degrees C, making it safe to use without fear of burning the feet. It has a foot switch allowing you to turn on and off the heater in a very user friendly way. Also, it is equipped with a Wifi-enabled control box, which allows you to do an advanced temperature control via the Sundirect Smart App, including remotely operating your heater, set a full week heating schedule, controlling several heaters at the same time etc. The Footwarmer220-Pro also works with Alexa and Google Home. Due to its smart design features as well as its very low power consumption, this heater is widely used in offices, homes and so on.

Features:

- ▶ Foot switch
- ▶ Integrated control box
- ▶ Low power consumption
- ▶ Aluminum feet stand
- Wifi control via APP
- Group control via APP

Specifications:

Surface temperature: 70°CVoltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug

Protection: IPX0

Model	Power	Size	Mounting
Footwarmer220-Pro	220W	40*65cm	Portable heater











WORKS WITH







Sundirect Tower1000-Pro is a portable Wifi-enabled infrared heater. The Tower1000-Pro is one of the best smart portable heaters in the market. It offers an elegant and modern design as well as a smart heating control solution with a glass surface touchscreen on the top of the heater. Its 3 heating element design allows you to heat a room in a 270degrees mode and its white body matches any type of room interior. Equipped with rolls it is easy to move around depending on where you want to get cozy. Tower1000-Pro works with the Sundirect Smart App and can be voice controlled via Alexa or Google Home. Sundirect offers a 5 years product warranty on Tower1000-Pro.

Features:

- ▶ Touchscreen control on glass surface
- ▶ Wifi control via APP
- ▶ Group control via APP
- ▶ Voice controllable







Specifications:

Surface temperature: 85°C

Voltage: 220-240V, 50Hz

• Cable: 1.9m length cable with plug

Model	Power	Size	Mounting	Heated area
Tower1000-Pro	1000W	34*34*125cm	Portable	10-20m²

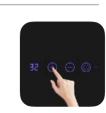






















The steel feet stand for portable usage.

Fit models:

PE350-Plus/PE380-Plus/PE540-Plus/PE700-Plus/PE1000-Plus IC400-Plus/IC700-Plus/IC900-Plus/IC1100-Plus

BC002

The Ceiling mounting cable allows to mount with max 1m distance to ceiling.

Fit models:

PE350-Plus/PE380-Plus/PE540-Plus/PE700-Plus/PE1000-Plus

IC400-Plus/IC700-Plus/IC900-Plus/IC1100-Plus/SC1800/SC2400/SC1800-Plus/SC2400-Plus

BC004/BC005

The Ceiling mounting brackets for the PE-plus series.
BC004 fit models: PE350-Plus/PE540-Plus/PE700-Plus/PE1000-Plus

BC005 fit models: PE380-Plus

TR001/TR003

The brushed stainless steel towel rail.

TR001 fit models: GD400-Plus/GD600-Plus/GD800-Plus

TR003 fit models: Stone600-Pro

Outdoor & Space Heating Range



SC series

Infrared space heater without control Power: 1800W/2400W Mounting: Wall/Ceiling mounting



OC series

Infrared outdoor heater Power: 2000W/2500W Mounting: Wall



SC-Plus series

Infrared space heater with built-in thermostat receiver Power: 1800W/2400W

Mounting: Wall/Ceiling mounting

Works with Smart1.0/Smart1.0Pro/SmartPlug



OC2500-Pro

Wifi & voice controllable Infrared outdoor heater

Power: 2500W Mounting: Wall

Works with Sundirect Smart APP





The stylish and innovative Sundirect Space Heating Series is specifically designed to heat large rooms and shielded outdoor areas such as reception areas, shops, hotels, churches, restaurants, bars, public halls, patios, terraces etc. Due to its high surface temperature, the infrared radiation is more efficient and can reach a distance of up to 4m heating up rooms very quickly. It takes less than 5 minutes to reach the maximum surface temperature. The SC series does not emit any glow, it is maintenance free, and it is the ideal solution to replace quartz and halogen heaters. The SC series comes with a 5 year warranty.

Features:

- Ideal heating solution for space and commercial heating needs
- No glow
- Wall/ceiling mounting

Model	Power	Size	Mounting	Heated area
SC1800	1800W	105*15*6.3cm	Wall/ceiling	8-12m²
SC2400	2400W	135*15*6.3cm	Wall/ceiling	13-18m²

Specifications:

Surface temperature: Around 300°C

Voltage: 220-240, ~50Hz

Protection: IPX4

Plug: No plug





Sundirect's SC-Plus series is an upgrade version of the SC models. The major advantage of the SC-Plus series is the control system. SC-Plus is equipped with a built-in thermostat receiver on the back side of the heater and can be wirelessly controlled by the Sundirect smart thermostats including Smart1.0, Smart1.0Pro and SmartPlug. A bypass function of the SC-Plus models allows you to connect them to any kind of smart heating control systems with no problem. SC-Plus has a flat surface, which offers a more simple and modern design. All controls are covered with a 2 year warranty and the panels with a 5 year warranty.

Features:

- Ideal heating solution for space and commercial heating needs
- Wall/ceiling mounting
- ▶ Built-in thermostat receiver

Model	Power	Size	Mounting	Heated area
SC1800-Plus	1800W	125*15*6.3cm	Wall/ceiling	8-12m²
SC2400-Plus	2400W	155*15*6.3cm	Wall/ceiling	13-18m²

Specifications:

Surface temperature: Around 300°C

Voltage: 220-240, ~50Hz

Protection: IPX4

Plug: 1.9m length cable with plug





The OC Series is a line of powerful heaters designed for outdoor use. It is more powerful and offers more concentrated heating compared to our hybrid Space Heater SC Series. Its unique ultra low light carbon fiber heating element is the key difference compared to existing outdoor heaters on the market using mostly halogen or quartz. This grants a longer lifespan and higher energy efficiency. The OC Series emits long wave infrared creating a light glow and cozy warmth rather than excessive heat. The integrated control system allows operation of 2 power levels using a simple remote control. The OC series come with a 3 year warranty.

Features:

- Powerful outdoor heater
- Waterproof and suitable for windy open areas
- Ultra low-light carbon fiber heating element
- ▶ 2 power level remote control

Model	Power	Size	Mounting	Heated area
OC2000	2000W	72*12*12cm	Wall mounting	10-20m²
OC2500	2500W	77*12*12cm	Wall mounting	12-25m²

Works with optional feet stand Model Number: OC-Stand

- Surface temperature: Around 500°C
- Voltage: 220-240, ~50Hz
- Protection: IP65
- Plug: 1.9m length cable with plug





The Sundirect OC2500-Pro is a Wifi version of our popular OC series. OC2500-Pro comes with a controller which allows you to turn the heater on and off and set the 7 hours timer easily. Offering a variety of smart functions, OC2500-Pro is also able to be controlled by the Sundirect Smart App as well as Alexa and Google Home. Due to its design, OC2500-Pro has one power level instead of 2 levels compared to the OC series. The OC2500-Pro comes with a 3 year warranty.

Features:

- Smart outdoor heater
- ▶ 7Hours timer function
- ▶ Wifi controllable

Model	Power	Size	Mounting	Heated area
OC2500-Pro	2500W	77*12*12cm	Wall mounting	12-25m²









Works with optional feet stand

Specifications:

• Surface temperature: Around 500°C

Voltage: 220-240, ~50Hz

Protection: IP65

• Plug: 1.9m length cable with plug