



STRING LIGHTS  
OUTDOOR

## Electrical Requirement Guidelines Heaters

# Electrical Requirement Guidelines for Heaters

We have five types of **Heaters**. Please make sure you know which one you are purchasing and the connections are carried out to suit your chosen product.



**String Lights Infrared Heater (2kW) (Standard Heater):** Comes with a cable to connect to a 13amp isolator/plug directly. The outlet requires a switch to easily turn on/off the heater from the power supply, which may be installed by a certified electrician.



**String Lights Infrared Heater (2kW) with a SOMFY ON-OFF Receiver + Situo 1 RTS Pure II Remote Control:** Comes with a cable to connect to a 13amp isolator/plug directly. The heater can be operated as on/off via a remote control.



**String Lights Infrared Heater (2kW) with a SOMFY Dimmer Receiver + Situo 1 RTS Pure II Remote Control:** Comes with a cable to connect to a 13amp isolator/plug directly. The heater can be operated via a remote control and there is a dimmer option.



**String Lights Infrared Double Heater (4kW) (Standard Heater):** Comes with a cable to connect to a 25amp isolator/plug directly. The outlet requires a switch to easily turn on/off the heater from the power supply, which may be installed by a certified electrician.

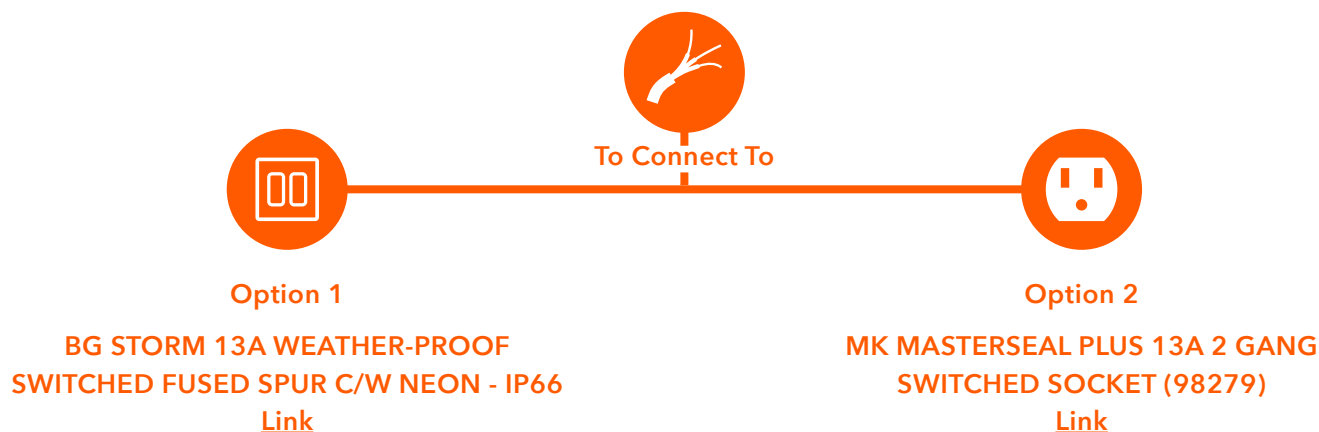


**Somfy Heater (2kW) inc Dimmer Switch operated via Remote Control:** Comes with a cable to connect to a 13amp isolator/plug directly. The heater can be operated via a remote control and there is a dimmer option.

To connect our **Heater** to the electric cable (as seen in the link below) we require:

## FLEXIBLE CABLE 3-CORE 2.5MM<sup>2</sup> WHITE | [Link](#)

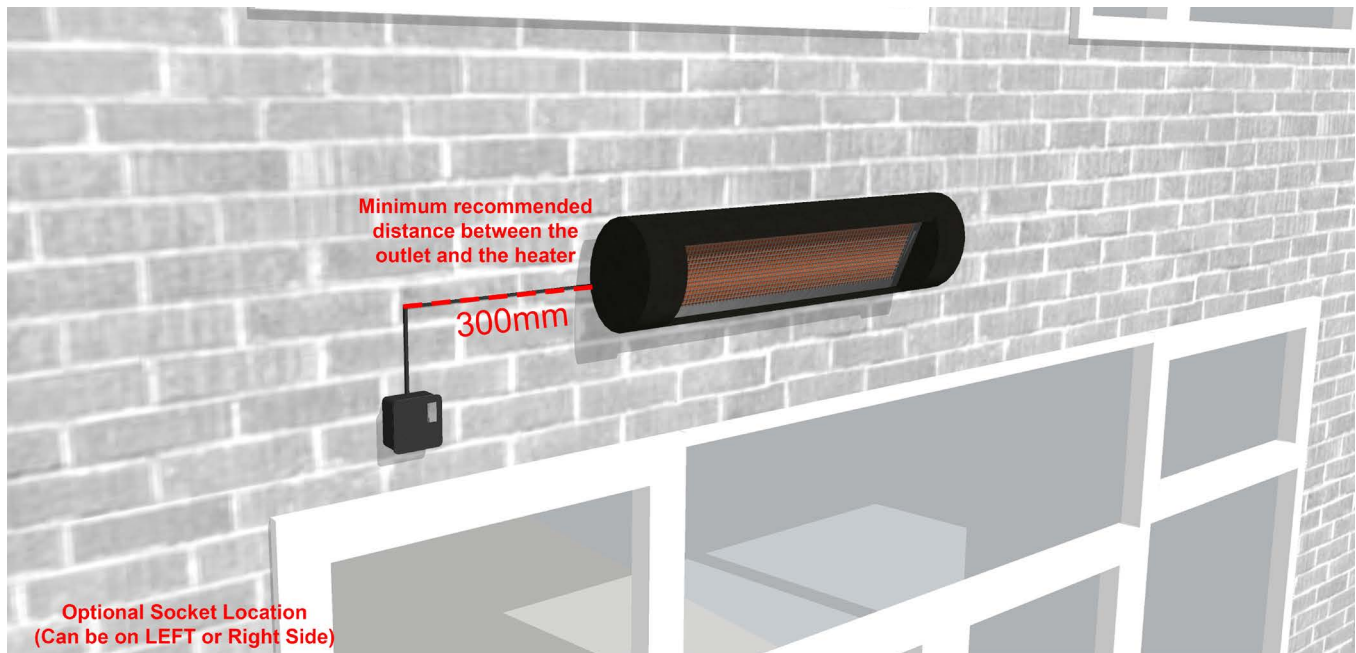
*(Please note this is a guidance link only. The cable colour will be determined by the customer. The cable measurement will be advised by your electrician, therefore the price will be based on measurement.)*



*(This is what we require from the electrician, so once we come to install the product it should be ready for us to connect. Please note this is a guidance link only. The waterproof switch will be determined by the customer.)*

The number of required outlets can be easily calculated:

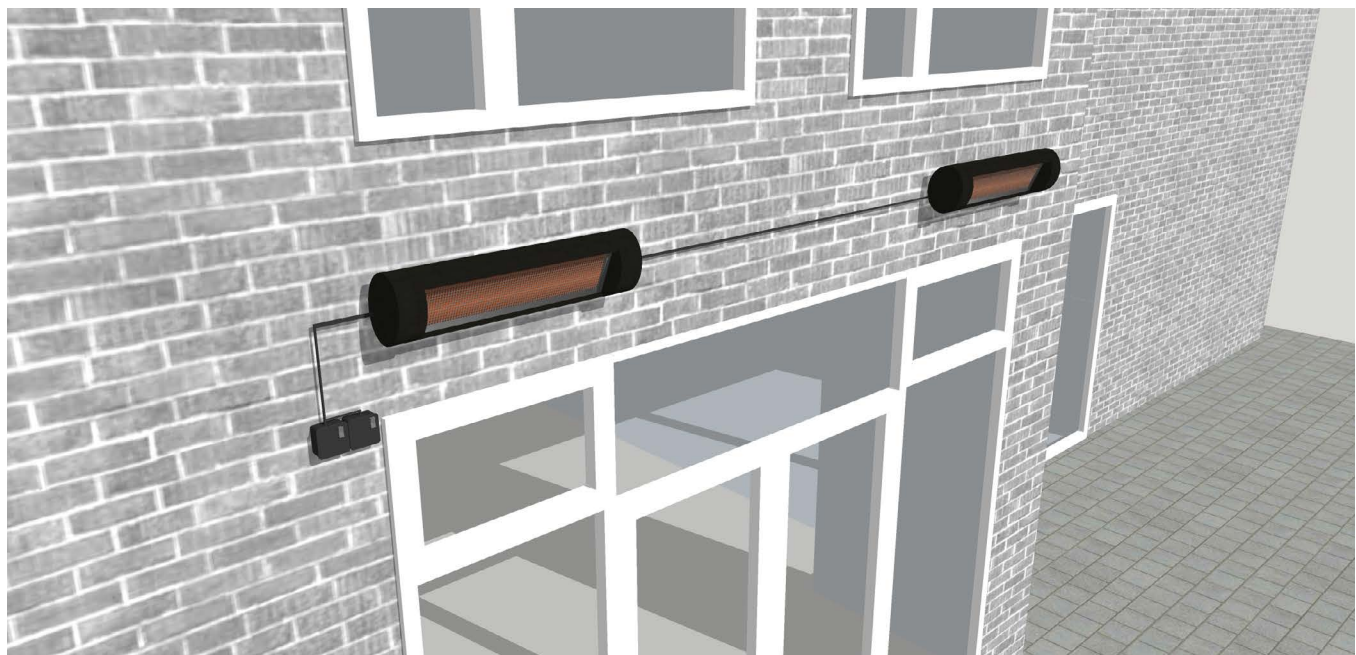
# 1 SCENARIO 1: 1 HEATER



All images used are for illustrative purposes only. These and the dimensions given are illustrative for this model, individual projects may differ from those shown. Please check with your Technician in respect of individual projects.

(x1) 13amp outlet is required which can either be: (x1) BG Storm 13A Weather-proof Switched Fused Spur OR (x1) MK Masterseal Plus 13A 2 Gang Switched Socket.

# 2 SCENARIO 2: 2+ HEATERS



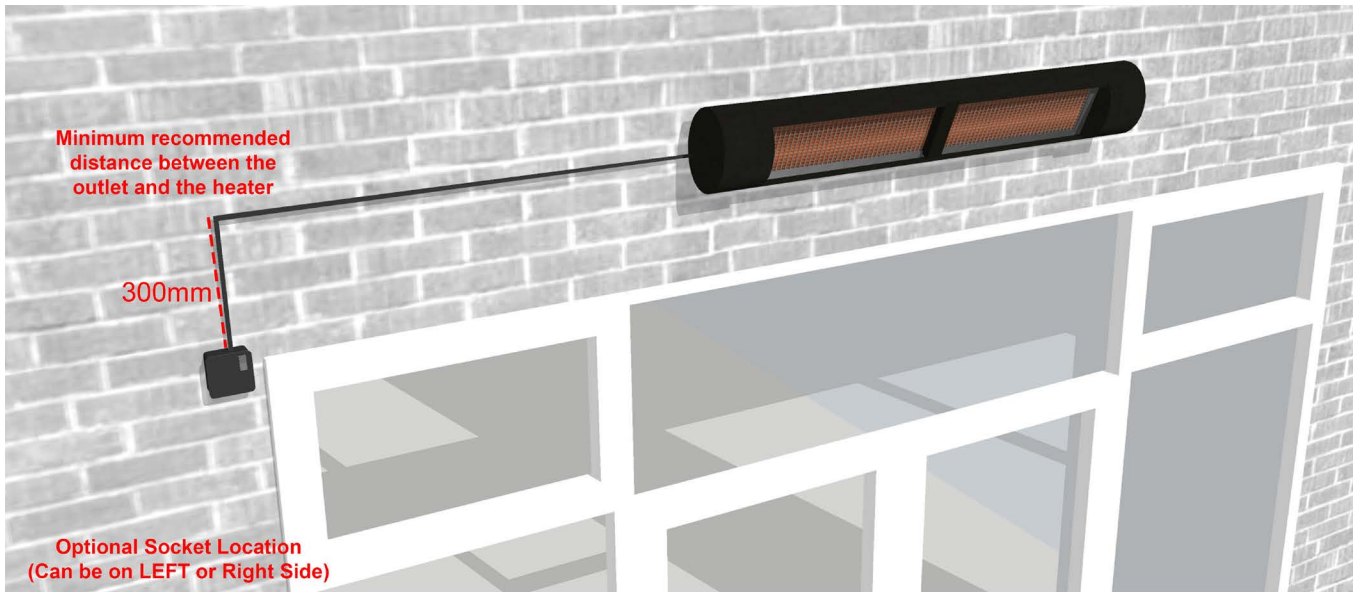
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Each additional heater requires a separate 13 amp outlet which can either be: (x2) BG Storm 13A Weather-proof Switched Fused Spur OR (x1) MK Masterseal Plus 13A 2 Gang Switched Socket. Any additional heaters will require an additional outlet.



# 3

## SCENARIO 3: DOUBLE HEATER



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Weatherproof Outdoor Switch Fuse Spur. This would require a separate supply from the consumer unit. Any additional 4kW heaters would need their own 25amp outlet.

Recommended Product:

[Link](#)

### IMPORTANT

- Please make sure the power supply isn't coming off the lighting circuit. It should ideally be a separate supply of the consumer unit or at least off the main power ring.
- We recommend a separate dedicated supply for the outdoor installations. *\*Seek advice from an approved electrician.*
- The power outlets **must** be RCD protected as they are placed outdoors.
- Your electrician must check the supply of electrical connections, and you must show our team a valid installation certificate for the outlets the heater will be connected to completed by a qualified electrician prior to our team coming to install your heater.
- If your project has more than 3 heaters, the heaters may require a separate supply from the consumer unit, or you would have to supply a power outlet capable of carrying them.
- If the project has more than one heater, and therefore they would need to be placed further away from the power supply, the client would have to organise connections to the power outlet after installation of heaters.
- There needs to be 300mm minimum distance between the outlet and the heater.
- The voltage supply must be within standards of 207-253V. If your supply is outside of this you would need to install a voltage stabiliser.
- Heater(s) must be placed at least 2100mm above ground and 500mm away from any pergola/awning.
- If a heater doesn't have a remote control, an on/off switch may be installed by a certified electrician which must be max 1200mm above ground (for disabled access).
- The socket for any heaters must be placed separately from the socket of the pergola / awning - preferably within 300/500mm of the heater.

# Project Specific Electrical Requirements

## DISCLAIMER

In the case of failure to comply with above outlined standards, our installation team reserves the right to refuse installation or delay installation until standards have been met to ensure the safety of our installation team as well as your site and the product. If the product motor fails due to failure to meet standards this will void the warranty. String Lights Outdoor does not take commitment in providing electrical connections, therefore any fault in the electrics will be the responsibility of the customer. All images provided are indicative only and must be checked by an approved electrician.

<b>Customer Reference Number</b>	#
<b>Customer Name &amp; Surname</b>	
<b>Installation Address</b>	

Equipment	Description	Voltage (V) Rated Power (W)	Outlet Supply	Tick If Applicable	Quantity
2kW Heater (String Lights Outdoor)	AQUA 2kW GSA20 / SOLAMAGIC S1 / S3 / D3 IO IR 05070	230V / 2000W	13A		
4kW Heater	SUPRA PLUS 4kW GSS40	230V / 4000W	25A		

<b>Total number of equipments for this project</b>	
<b>Total number of outlets required</b>	
<b>Total load (current in W)</b>	

(To be completed by operator) / The table above is for guidance only. Refer to your approved electrician.

I confirm that I have read all above points and will prepare the electrical connections for the installation team to meet the outlined requirements. I understand that if these requirements are not met, the team withhold the rights to return for installation on another date and I will be responsible to reimburse any extra costs caused due to the team being unable to carry out the installation on the original date, to be paid before the second attempt for installation.

<b>Full Name</b>	
<b>Signed</b>	
<b>Date</b>	

(To be completed by customer)