

# Understanding the status light indicators on your Belkin Surge Protector

The status light of your Belkin Surge Protector indicates its current operating status. This feature will help you determine if your surge protector is operating normally and that there are no wiring issues with your outlet.

**NOTE:** The status light indicator may vary depending on the model of your Belkin Surge Protector.

The table below explains the status light indicator based on its label.

Status light indicator	Description
Protected	<p>The <b>Protected</b> light indicates that your surge protector is functioning correctly and is providing protection to the devices you have connected to it.</p> <p>This light should remain ON as long as the surge protector is plugged into an outlet and is turned ON. If this light goes out at any time, it means that your surge protector has served its purpose on protecting your equipment against damaging voltage fluctuations, surges, or spikes. If this happens, your surge protector should be replaced.</p>
Grounded / Earthed	<p>The <b>Grounded</b> or <b>Earthed</b> light indicates that your surge protector is connected to a properly grounded outlet. If this light is not ON, you may have a ground-wiring problem and should contact an electrician to inspect and properly ground the outlet.</p>
Not Grounded / Not Earthed Light	<p>The <b>Not Grounded</b> or <b>Not Earthed</b> light indicates that your surge protector is not connected to a properly grounded outlet. If this light is ON, you may have a ground-wiring problem and should contact an electrician to inspect and properly ground the outlet.</p>
Over-Voltage ( + ) and Under-Voltage ( - )	<p>The <b>Over-Voltage</b> and <b>Under-Voltage</b> lights indicate that your surge protector has detected an issue with the incoming voltage levels from your wall outlet. Depending upon your region, your surge protector expects a voltage of 120V or 240V. Fluctuations in power are normal but if your surge protector detects a voltage outside a safe level it will inform you via these lights.</p>

	<ul style="list-style-type: none"> <li>• Over-Voltage – This light will illuminate if the surge protector detects a voltage spike over the expected incoming voltage level (120V or 240V depending on the region).</li> <li>• Under-Voltage – This light will illuminate if the surge protector detects a voltage dip (brownout) under the incoming voltage level (120V or 240V depending on the region).</li> </ul>
Inrush Current / Over-Current	<p>The <b>Inrush Current / Over-Current</b> light indicates that your surge protector has detected a large electrical current being drawn by a device plugged into it. For example, if you have an electrical appliance such as a space heater plugged into your surge protector and it has an internal electrical short, it may draw more current than what is safe when you turn it ON. The surge protector will detect and warn you of this.</p> <p>The light may appear as a simple warning or as a <b>Wait To Reset</b> message depending upon your surge protector model.</p>

It is important to periodically inspect your surge protectors to ensure it's working properly. Failing to do so may lead to your equipment being damaged. Below are things to look out for when installing or inspecting your surge protector:

1. If the protected indicator light is OFF, it may still function as a power tap but will no longer provide surge protection. This can lead to damage of your equipment once your surge protector encounters another power surge.
2. Your surge protector should always be used with a properly grounded outlet.
3. Using an extension cord or plug adapter with your surge protector will void all warranties.

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