



Smart Plug

A New Approach Towards Appliance Protection

The Problem

Sophisticated appliances are sensitive to VOLTAGE FLUCTUATIONS. Voltage Stabilizers have their own limit to sustain voltage fluctuations. So there are bright chances that your appliances can get damaged.....

Due to voltage fluctuations.....



The Solution



*Smart
Plug*

How Smart Plug Protects?



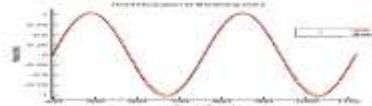
Mains Input Voltage
Healthy



Smart Plug feeds
healthy power to
appliance

When the mains power supply falls within pre-set tolerances (170V-270V) the power is automatically provided to appliance connected to Smart Plug

When the mains power supply fluctuates outside pre-set tolerances (170V-270V) the power is automatically disconnected from reaching appliance connected to Smart Plug



Mains Input Voltage
Bad (Hi or Low)



No Power to
appliance

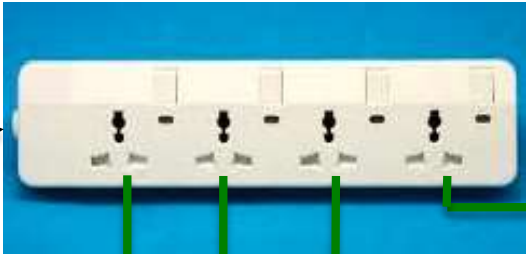
How to install Smart Plug?

Just take Smart Plug in your hand and plug it in the mains wall socket. Then fix plug pin of your appliance to the power outlet socket of Smart Plug. So simple as that..... No need of any skilled personnel...!



Smart Plug Applications – 6A Model

One 6A Smart Plug can be economically used like this



Home Theater



Smart Plug Applications -16A Model

Connect separately



Smart Plug Application

(6A Model for Fridge)



***Ask for separate Model
For Fridge with 3 Min.
Start Up Delay***

Technical Specifications

| Input | Output |
|--|--|
| <i>Safe Input = 170V to 270V</i> | <i>Safe Output = 170V to 270V</i> |
| <i>Unsafe Input = Below 170V</i> | <i>Cut Off. No Output to appliance</i> |
| <i>Now Safe Input = 175V & Above</i> | <i>Safe Output = 175V & Above</i> |
| <i>Unsafe Input = Above 270V</i> | <i>Cut Off. No Output to appliance</i> |
| <i>Now Safe Input = 265V & Below</i> | <i>Safe Output = 270V & Below</i> |
| <i>Startup Delay</i> | <i>5 Sec / 180 Sec (Fridge Model)</i> |

Smart Plug Working Principle

1. For complete protection simply plug the Smart Plug into the mains and plug in your appliances to Smart Plug.
2. When the mains power supply fluctuates outside pre- set tolerances (170V and 270V) the power to your appliance is disconnected.
3. Smart Plug monitors the voltage for a short period to ensure the power has stabilized before re-connecting.
4. In addition, the start-up delay provides protection against power-back surges commonly experienced after resumption of power in a power cut situation.

Entire operations are AUTOMATIC.....



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