



Specifications	
Power Handling	1200W
Operating Voltage	230V 50Hz
Surge Absorption	200J 13KA 8/20μs
Certifications	<b>IEC61643</b>
Warranty	1 Year
Warranty against Lightening	Yes
Reverse Polarity Protection	Yes
Absorption Stages	Two
Surge Diversion	via Earth
Device Status Indication	LED
Replaceable Parts	Fuse 8A
Fuse type	Cylindrical Glass type
Spare Fuse	Yes
Protected Outlets	Two
Water Proofing	No
Installation	Indoor
Dimensions (cm)	16 x 8 x 4
Weight	530g
Detachable Extension Cord	1 ½ m
Additional Grounding Requirement	Not required
Multi Equipment Protection	Yes
Country of Manufacture	Sri Lanka
Shielded Chassis	Yes

### Ordering Information

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### Protection Capabilities

Power Line Surge (Lightening) Surge from internal appliances	EMI and RFI Filtering Power Line High Voltage
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Designed, Engineered and Manufactured in Sri Lanka by Bravo Solutions, Bravo CleanPower 5A is standing out with proven Surge Protection with innovative cutting edge technology backed by Comnet Labs Sweden. Designed to provide Over Voltage and Surge protection at the AC mains, Bravo CleanPower 5A is a totally unique protective device, proudly obtained the highest international standard **IEC-61643** for this product category.

CleanPower 5A is designed for a 230Volt 50Hz AC Mains electrical supply. This is tested and proven to handle 200J / 13,000A @ 8/20μs timing standards. CleanPower 5A has a dual polarity protection circuit that is capable of protecting any surge that comes either through Neural or Phase lines. It is also a unique dual stage design that absorbs the power of the surge at 2 stages independently thus leaving no room for the surge to pass through to the connected appliance.

Cleanpower 5A is made to be used conveniently similar to a Power extender with a 1.5m extension cord. The metallic chassis is fully grounded ensuring total safety from electrical shocks. It has 2 protected 5A/13A outlet sockets that can be further expanded using a power extender cord. The status of the Protector is indicated using a LED indicator. In case of a higher surge, the built-in fuses are designed to get burnt and are field replaceable.

### Installation and Maintenance

This device should be installed in a dry location for longer life and trouble free operation. It can be mounted onto the wall using 4 wall clamps. The supplied power cord should be firmly inserted into the socket. Two fuses are located separately; one inside the power cord connection socket and the other one is clearly visible. Spare Fuse is also provided.

### Appliances That can be Protected

Industrial	WiFi Hotspots, Routers, Switches, Rack and Blade Servers, UPS, CCTV Camera (IP and AV types), DVR, Wireless Intercoms, Weigh Bridges, Outdoor LED display boards, Tele-Communications Equipment, Spectrum Analyzers, Signal /Pulse Generators, Fuel Pumps, Gas Dispensers, Vending machines, Textile machinery,
Domestic	LED/ LCD/ Plasma Televisions, Conventional CRT Televisions, Fridge, Freezer, Bottle cooler, Air Conditioner (12,000 BTU and less both inverter type and conventional type), Treadmill, HiFi Setups, Home Theater Systems, Laptop, Desktop, Tablet computers, Microwave oven, Rice cooker, Satellite TV DVB Receiver, STB, Home Security Systems, Washing Machine, Garage Door controllers,
Medical	Ultrasound Scanner, Mass Spectrometers, Chromatographs (e.g. GC and HPLC), Spectrometers (e.g. AAS, X-ray, and Fluorescence), Rheometers, Elemental Analyzers (e.g. Salt, CHN), Different type of Analyzers(Thermal, Blood Gas, Coagulation, Electrolyte, Immunoassay, Urinalysis, Chemistry, DNA, Hematology, Point of Care, Particle Size)
Agricultural	Irrigation Pumps, Climatic Control Systems (Temperature, Humidity, Light level), UV and special lightning systems, Chemical Mixers, Dryers, Dehydrators