

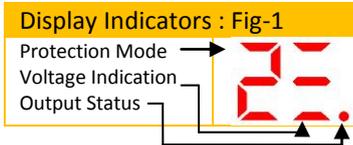


Specifications	
Power Handling	1200W
Operating Voltage	230V 50Hz
Response time	< 1Sec
Certifications	ACCIMT
Warranty	1 Year
Status Indication	LED Display
Replaceable Parts	Fuse 5A
Fuse type	Cylindrical Glass type
Spare Fuse	Yes
Installation	Indoor
Dimensions (cm)	16 x 8 x 4
Weight	390g
Detachable Extension Cord	1 ½ m
Additional Grounding Requirement	Not required
Multi Equipment Protection	Yes
Country of Manufacture	Sri Lanka
Shielded Chassis	Yes

Designed, Engineered and Manufactured in Sri Lanka by Bravo Solutions, Bravo Programmable Digital Power Guard “DigiGUARD™” possesses proven protection with innovative technology backed by Comnet Labs Sweden, designed to provide Over Voltage, Surge, Under Voltage (sag, brown-out) and Overload protection at the AC mains. Bravo DigiGUARD™ is a totally unique fully automatic micro-processor controlled protective device, factory set to provide a safe operating window for the directly connected equipment. It is designed for a 230Volt 50Hz AC Mains electrical supply. Its performance is tested and certified by ACCIMT, Sri Lanka.

As soon as the AC voltage supply moves outside the safe operating window depicted by the operating mode, it immediately switches OFF power to the protected equipment and remains OFF until a safe mains supply voltage is detected, giving sensitive equipment proper protection when needed. It also provides the connected equipment with a vital minimum time delay before power is restored.

Unlike lower quality products in the market, Bravo DigiGUARD™ is not earth dependent or amperage imbalance reacting, therefore events such as loss of a neutral link and the resultant continuous high voltage is rapidly detected and protection is activated in a split second (*Thanks to 8-bit Microprocessor technology*), without damaging your vital electrical or electronic equipment. DigiGUARD™ also indicates the supply voltage variations clearly on the LED screen. This is what we call reliable protection 24/7.



Features		
• High Voltage and Surge Protection	• Startup Delay bypass	• Audible Alarms
• Low Voltage Protection	• Voltage re-entry Hysteresis	• Voltage Indication
• 8-bit microcontroller controlled	• Auto resetting Startup Delay	• Overload Protection



Appliances that can be protected		
Mode P1 <i>FridgeGuard</i>	Safe Voltage 180 – 260V Startup Delay 4min	Fridge, Freezer, Bottle Cooler, Mini Fridge.
Mode P2 <i>ApplianceGuard</i>	Safe Voltage 170 – 260V No Startup Delay	LED/LCD/Plasma TV, CRT TV, UPS, PC, Laptop, DVR, Water Pump, Blender, Mixer
Mode P3 <i>LabGuard</i>	Safe Voltage 200 – 250V No Startup Delay	Critical Laboratory Equipment, Medical Test Equipment, Communications Equipment, Microwave Oven,

Ordering Information

Bravo Solutions, 82B, Walaliyadda, Ellakkala 11116, Sri Lanka.
www.bravosl.com

Telephone
 077 0884303, 071 7804303

Email: digiguard@bravosl.com

Installation and Operation

Install the DigiGUARD in a dry and dust-free location inaccessible to Children. Never place on ground. Wall mounting is highly recommended. During Power startup, select the proper operating mode using UP/DOWN keys for your desired appliance. Refer to the table “Appliances that can be protected”.

The 1st digit of the display shows the operating mode. The 2nd digit shows the Voltage status. When the supply voltage is in range, the 2nd digit will show three horizontal dashes as indicated in Fig-1 and they should stay steady. When the voltage rises above 230V, the dashes will start to rotate clockwise slowly. Higher the voltage goes; the speed of rotation will be proportionally higher. When the voltage exceeds the High side cutoff, the display will indicate “Hi” and the power to the appliance is disconnected. When the voltage goes low, similar display rotation happens but this time in counter-clockwise direction. When the voltage goes below low side cutoff, the display shows “Lo” and power to the appliance is disconnected with an audible single beep.

When the voltage enters the safe region, it is indicated with a double-beep. In each operating mode, a sufficient hysteresis and startup delay is given during power ON/OFF. For detailed information, please refer to our web site. Call us for any assistance.