



MuscleGrid
Consistency Through You



MuscleGrid
SUPER SERVO
1 YEARS WARRANTY

10 KVA Single Phase Copper Stabilizer (200V/240V) with Output of 230V ±1% With Input and Output Strip

Digital Display | 100% Copper Wound (Power Saving, Better Conductor, Better Power Factor)

Better Power Factor | With High and low auto cut off

10 KVA

BUY NOW

+91 9999036254
www.musclegrid.in

MuscleGrid
SUPER SOLAR INVERTER
COMPLETELY CONFIGURABLE AI BASED CHARGING

SAFETY AND PROTECTIONS

6 STAGE BATTERY CHARGING

MULTIPLE BATTERY SELECTION

BIG DISPLAY FOR DATA

SAVING HUGE ELECTRICITY BILLS

BOOK NOW

www.musclegrid.in

Powering Modern Homes

Power Stabilizer



Microprocessor Controlled



Voltage Regulators



About Our Company

MuscleGrid is the manufacturer of India's best power solution products and service, it provides all the various varieties of stabilizers. The MuscleGrid designed stabilizers are available for all the appliances in your home to give better facilities with good output results. All stabilizers are made with pride in INDIA.

Why Stabilizers ?

While the electricity bills are taken in KWH, which means even if your current is spiking due to low voltage, the final bill remains the same. But, there is a catch to it. Low voltage means the resistance and other inductive loads in the house wiring will dominate making your house a low efficient circuit. The electrical appliances at your house will take more time to deliver the same output. For example, the AC will be very less effective and will take more time to cool the room, same with the compressor inside refrigerator etc. overall rising the electricity units

Shield for your Home Appliances



4 & 5 KVA AC Model

4

KVA 90V-300V INR 8,999
KVA 110V-270V INR 7,999
KVA 140V-270V INR 5,999
KVA 170V-270V INR 3,999












5

KVA 90V-300V INR 9,999
KVA 110V-270V INR 8,999
KVA 140V-270V INR 6,999
KVA 170V-270V INR 4,999

Selection Guide

For single phase only



3 KVA	 1 cooler	 1 Water Pump	+	Lights, fans, other small home appliances
5 KVA	 OR  1 air conditioner 2 cooler	 1 Water Pump	+	Lights, fans, other small home appliances
10 KVA	 OR  2 air conditioner 4 cooler	 1 Water Pump	+	Lights, fans, other small home appliances
15 KVA	 OR  3 air conditioner 6 cooler	 1 Water Pump	+	Lights, fans, other small home appliances



Location

Electronics Bay
24, B2, Neb Sarai,
New Delhi 110068

Contact Us

+91 9999036254
info@musclegridindia.com



Heavy Duty Series

10 KVA Range 90V-300V

INR 27,999



- Working Input Range 90V-300V
- +/-5%(190V Lowest & 252V Highest)
- Low voltage cut off : 90V
- High voltage cut off : 300v cut off (recovery@280v)
- Max.output current : 40 AMPS.
- Initial time delay : 5 to 10 Seconds
- Frequency : 50HZ. +/-2HZ.
- Overload Protection : via MCB
(Stabilizer on/off mains)

10 KVA Range 90V-300V

INR 27,999

- Working Input Range 50V-300V
- +/-5%(190V Lowest & 252V Highest)
- Low voltage cut off : 50V
- High voltage cut off : 270v cut off (recovery@280v)
- Max.output current : 40 AMPS.
- Initial time delay : 5 to 10 Seconds
- Frequency : 50HZ. +/-2HZ.
- Overload Protection : via MCB
(Stabilizer on/off mains)



Technology is for Everyone

5 KVA Mainline 90V-300V

INR 18,999



- Working Input Range 50V-280V
- Output voltage Range : 200V-240V
- +/-5%(190V Lowest & 252V Highest)
- Low voltage cut off : 50V
- High voltage cut off : 270v cut off (recovery@280v)
- Max.output current : 20 AMPS.
- Initial time delay : 5 to 10 Seconds
- Frequency : 50HZ. +/-2HZ.
- Overload Protection : via MCB
(Stabilizer on/off mains)

Stabilizer/Inverter	Wire Thickness required
4KVA	4 sq mm
5KVA	4 sq mm
8KVA	6 sq mm
10KVA	8 sq mm
15KVA	10 sq mm

Why my voltage stabilizer reducing voltage when voltage is above 200 volts?

When a voltage stabilizer detects low voltage output, it uses boost operations to increase voltage output to the rated level while buck operation reduces the voltage levels during over voltage conditions. Voltage stabilizers are designed depending on the appliance for which they are going to be used.

The output of a voltage stabilizer will remain between 200-240v (+-5%) regardless of it's input voltage if it is within working range.

Stabilizer works as a step up plus step down unit hence above 200 volts it will reduce the voltage to a maximum of 20 volts. This is a completely normal operation for all Indian made stabilizers.

1. Turn off the power: Before starting the installation, make sure to turn off the main power supply to ensure safety.
2. Mount the stabilizer: Install the stabilizer on a wall or a sturdy surface using suitable screws and brackets. Ensure that it is securely fixed and level.
3. Make electrical connections: Connect the input wires of the stabilizer to the main power supply. The input wires are usually connected to the line and neutral wires of the main electrical connection.
4. Connect the output wires: Connect the output wires of the stabilizer to the distribution board or the sockets where you want to supply stabilized power. Make sure to match the line and neutral connections correctly.
5. Grounding: Properly ground the stabilizer by connecting the grounding wire to an earth grounding point or a grounding rod.
6. Check connections: Double-check all the connections to ensure they are secure and properly tightened. Avoid loose or exposed wiring.
7. Test the stabilizer: Turn on the main power supply and test the stabilizer by connecting various appliances to the stabilized power output. Check if the voltage remains stable within the desired range.
8. Monitor and maintain: Regularly monitor the functioning of the stabilizer to ensure it is working effectively. Follow any maintenance guidelines provided by the manufacturer.

Installation Instructions

MuscleGrid Voltage Stabilizers are very easy to install, you can do it yourself or call your local nearby electrician to do the same, it hardly takes few minutes to get them up and running, we provide mounting accessories with each unit packed inside the box. You just need to connect 2 Wires for INPUT, 2 Wires for OUTPUT and 1 wire for EARTHING, connections are clearly marked on the side of the stabilizer unit.

Digital Display Features

Your MuscleGrid Stabilizer comes with a Multifunctional Digital Display that shows everything that's happening with the stabilizer, in case of HIGH Voltage it will show "Hi", in case of LOW Voltage it will show "Lo" and it will go into Cut OFF / protection mode as the case may be. During normal operations it will rotate automatically to show you both INPUT Voltage coming in to the stabilizer and OUTPUT Voltage being supplied by the stabilizer, "IP = Input" and "OP = Output".

General Operations

Once you have successfully installed the stabilizer and the digital display starts working, it will maintain standard output voltage between 200V-240V \pm 5% (190V being the lowest and 252V being the highest), while maintaining this safe output voltage range for your connected appliances it may make certain clicking sounds that's a sign of completely normal operation as the relays inside the stabilizer might be switching between one another to buck or boost the voltage.

MCB Instructions

If your stabilizer has MCB's in built, please make sure not to turn on both MCB at the same time together, One MCB will be labelled as STABILIZER MCB that is the Mains MCB to turn on / off your stabilizer, it will also act for Overload / Short-Circuit protection, 2nd MCB will be labelled as CHANGEOVER / BY-PASS MCB this is for emergency use only in case your stabilizer stops working or you need to use the mains power directly, in that case first you need to switch off the Stabilizer MCB then only turn on the 2nd MCB.

PLEASE USE 'C SERIES' MCB only at the mains before connecting your stabilizer, else your mains MCB before the stabilizer might Tripp due to in-rush current from the stabilizer preventing it to function properly.

For any further help or assistance please feel free to drop us a text message on our customer care WhatsApp number +91-9999036254, we will try to resolve your queries as soon as possible.

APPENDIX-3

WARRANTY CARD:

OWNERS COPY:

MODEL NUMBER:

SERIAL NUMBER:

PURCHASE DETAIL (DATE / INVOICE NUMBER):

DEALER / DISTRIBUTOR SEAL / SIGNATURE:

"-----"



MANUFACTURER COPY
(PLEASE SEND THE SIGNED COPY BACK TO US):

MODEL NUMBER:

SERIAL NUMBER:

PURCHASE DETAIL (DATE / INVOICE NUMBER):

DEALER / DISTRIBUTOR SEAL / SIGNATURE:

OR SCAN THE QR CODE TO REGISTER
WARRANTY (APPLICABLE FOR ONLINE
PURCHASES)



APPENDIX-4

SERVICE

If you need help solving a technical problem with one of our products, please contact our service hotline.



Please visit our website for more information:

www.MuscleGrid.in

APPENDIX-5

CUSTOMER FEEDBACK FORM

Dear Sir,

We have supplied you Solar Inverter to your esteemed organization. Please give your feedback for our product performance & services.

Satisfactory

Not Satisfactory (With Specific Fault if any)



Suggestions (if any) :

Site Name:
Customer Name:
Customer Sign:
Date:

Note:- This manual is included in the operational manual of the equipment.