



36

YEARS  
OF LEADERSHIP  
IN TECHNOLOGY

PROUDLY  
MADE  
IN  
INDIA



**36+** | YEARS OF TRUST  
COUNTRY PRESENCE  
GLOBAL OEM BRANDS MANUFACTURER

# EMPOWERING A GREENER TOMORROW

THE COMPANY WITH OVER FOUR DECADES  
OF MANUFACTURING EXPERTISE AND INNOVATION

# STATIC STABILIZER

FORTUNER Static Voltage Stabilizers are developed exclusively for providing voltage control, protection, and management to the systems, which are microprocessor controlled and have high-speed semiconductor technology.

The Extremely High Speed of Correction provides perfectly stable output even under the severe conditions of unbalanced voltages, making it ideal for protecting electrical and electronic equipment from high and low voltages. The static stabilizers are equipped with advanced features like digital signal processors to automatically sense the voltage fluctuation and correct them instantaneously to protect the appliances from short circuits and over currents.



- New technological design that is suitable for industrial environments with very dusty conditions, humidity and vibrations.
- Maintenance free design.
- Safe usage for all electrical devices. Minimum size and long life.
- User friendly, easy and comprehensive LCD Display and mimic diagram.
- Compact structure with high quality material and minimum malfunction hazard.
- Surge Arrester to protect against sudden voltage increases and Streaks Lightings.
- Protection against over load, over temperature, high voltage and low voltage etc.
- Parallel connection for special high power applications and Self test facility.

More  
Reliable



Tight  
Regulated  
output +/- 1%



No Moving  
parts, Less  
maintenance



Fast Correction  
speed



High Efficiency



IGBT PWM AC  
to AC Switching  
control.



## Applications



Telecom



UPS



Solar Street  
Light



Electric cars  
(EV/ HEV/ PEV)



Utility



Railways



Solar/ Wind  
Energy Storage



Universal

# TECHNICAL SPECIFICATIONS

Particulars	Single Phase	Three Phase
Capacities Discreet IGBT based IGBT module based	1KVA to 30KVA 30KVA to 70KVA	3KVA to 90KVA 90KVA to 200KVA
Control type	DSP based IGBT PWM switching	DSP based IGBT PWM switching
Input Voltage Range for 220V output - Normal Wide Extended	180V to 260V 150V to 290V 90V to 300V	312V to 450V 260V to 500V 155V to 520V
Input Voltage Range for 110V output - Normal Wide Extended	90V to 130V 75V to 145V 45V to 175V	155V to 225V 130V to 250V 78V to 300V
Output Voltage	220V +/- 1% settable 110V +/- 1% settable	220V +/- 1% settable 110V +/- 1% settable
Regulation	+/- 1%	+/- 1%
Efficiency	97%	97%
Input Frequency	45Hz to 65Hz	45Hz to 65Hz
Wave Form	Same as Input	Same as Input
Effect of Power Factor	Nil	Nil
Display	LCD for – Input voltage Output voltage Load VA Line frequency Overload High voltage input Low voltage input Cut off mode Bypass mode Set up mode Name of your company	LCD for – Input voltage Output voltage Load VA Line frequency Overload High voltage input Low voltage input Cut off mode Bypass mode Set up mode Name of your company
Rate of Correction	20000V per second	20000V per second
Operating Temperature	0 to 50 deg. Celsius	0 to 50 deg. Celsius
Duty cycle	Continuous	Continuous

Nature of Cooling	Air cooled	Air cooled
Mains bypass	Auto bypass to mains when stabilizer is on cut off mode and mains input voltage is between 190V to 250V.	Auto bypass to mains when stabilizer is on cut off mode and mains input voltage is between 190V to 250V.
Protections	Overload Short circuit High voltage Low voltage	Overload Short circuit High voltage Low voltage
Trip and restart	Auto	Auto
Transformer	1/5th size of the Rated VA	1/5th size of the Rated VA