



COSMIC[®]

AN ISO 9001 & 14001 CERTIFIED

The Ultimate **Power Conditioning**



- No moving Parts, Long Life
- IGBT Solid State Design

Cosmic Stabilizer

IGBT Based Static Voltage Regulator



COSMIC MICRO SYSTEMS PRIVATE LIMITED
Bengaluru

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COSMIC IGBT BASED STATIC VOLTAGE STABILIZER



COSMIC IGBT based static voltage regulator is an affective solution for the problem of voltage fluctuation. It fulfills the need of an interface between an unregulated power supply and sophisticated equipments. These are available in various ranges both in Single phase and Three phase and designed to give a stabilized output within 1% of the preset voltage.

We manufacture high efficiency IGBT static voltage regulator which work effectively under voltage fluctuations and helps in obtaining constant output.



TECHNICAL SPECIFICATIONS

PARTICULARS	SINGLE PHASE	THREE PHASE
PRODUCT CAPACITY	3Kva - 15Kva	3Kva - 300Kva
INPUT VOLTAGE RANGE	165 to 295 V AC	285 to 510 V AC
OUTPUT VOLTAGE	230 Volts	400 Volts
REGULATION	±1%	±1%
RATE OF VOLTAGE CORRECTION	2500V	5000V
INPUT FREQUENCY RANGE	47 to 53 Hz	47 to 53 Hz
OUTPUT STABILITY	220V – 240V	380V – 415 V
EFFICIENCY	98%	98%
OUTPUT WAVE FORM	Sinusoidal	Sinusoidal
TECHNOLOGY	DSP Controlled IGBT Based	DSP Controlled IGBT Based
	Static Voltage Regulator	Static Voltage Regulator
LCD Display	Input voltage	Input voltage 1 & 3 phase
	Output voltage	Output voltage
	Output trip	Output trip
	Input low	Input low
	Input High	Input High
PROTECTION	Low / High Voltage, Short circuit	Low / High Voltage, Short circuit
	Surge, Over load and time Delay	Surge, Over load and time Delay
SOFT SWITCH ON	Ensure Full protection for load	Ensure Full protection for load
OPTIONS	Remote monitoring system	Remote monitoring system
	Wide Range Input Voltage	Wide Range Input Voltage



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