

AUTOMATIC VOLTAGE REGULATOR SERVO MOTOR

GenTec

DELTA-100SM SERIES (TNS) Three Phase

DIGITAL VOLTAGE STABLIZER

Model:	DELTA-100SM (Y-VERSION)
Type:	Automatic Phase Control
Capacity:	100kVA
Input Voltage:	220V/380V $\pm$ 25%
Power Factor:	0.8
Frequency (Hz):	50
Voltage Regulation:	$\pm$ 1%
Response Time:	<5ms
Selectable Output Voltage:	220 (L-N) / 380 (L-L) RMS Stabilized
Frequency:	50Hz $\pm$ 5%
Admitted Load Variation:	0 To 100%
Admitted Load Unbalance:	Up To 100%
Cooling:	Added Air with Fan
Temperature (Storage):	-20°C ~ +60°C
Temperature (Operating):	-10°C ~ +60°C
Max Relative Humidity:	Not be less than 90%
Overload Capability:	200% For 2 Sec
Distortion:	< 1%
Correction Speed:	12ms/V
Wave Form Distortion:	Less than 1%
Max Failure Range:	< $\pm$ 1%
Efficiency:	> 98%
LCD Display & Control:	Voltage, Current, Ampere Start/Stop, Selector & Lamp

STANDARD FEATURES:

- Carbon Electrographite (Increased Electrical Conductivity)
- Full Protection with integrated Alarm
- Linear Variable Autotransformers
- Manual By-Pass Mod
- MCCB (Input & Output)
- Safety Relays
- Signal Lamps
- SLP Surge Protection
- Emergency Stop

IEC STANDARDS

- EN61010
- EN61326
- EN62321
- EN62040-1-1

@ a Glance

Voltage Regulation

Frequency Regulation

Current Regulation

User Environmentally Friendly Design Microprocessor Controlled

High Performance on un-balanced load / LCD Display

