

TED 45kVA Three Phase Compensation Voltage Regulator / Stabilizer

- Three Phase Independent Regulating
- Digital Displays for input / output voltage / output current
- Pure Sine Wave Output
- Full protections over voltage and under voltage
- Overload electronic protection and buzzer beeping
- Protection on overheat and buzzer beeping
- Short-circuit protection by input cutoff -air breaker-
- Isolated manual bypass switch
- Selectable 6s/180s output delay
- Wide AC input voltage range 242V-520V



Specifications	
Model	TED 45kVA SBW
Power (VA/W)	45000VA/36000W
Input	
Voltage Range / Frequency Range	242V ÷ 520V AC / 50Hz ÷ 60Hz
Input Connection	Terminal Block
Efficiency	98%
Output	
Rated Output Voltage / Frequency Range	400V AC / 50Hz
Efficiency / Response Time	98% / < 1 second
Waveform / Power Factor	Pure Sine Wave / 0.8
Overload Capability	8 minutes 150% / 4 minutes 200% / 5 seconds 300%
General characteristics	
Full Protection	Over Voltage / Under Voltage / Overload / Overheat
Phase Failure	Output Cutoff by Contactor & Buzzer Beeping
Wrong Phase Sequence	Cannot Switch On Regulator
Insulation Voltage / Resistance	2.000V / 60 seconds / >5mOhm
Ingress Protection / Noise Level	IP20 / <65dB at 1m distance with full load
Output Connection	Terminal Block
Operating Altitude	<1000m
Operating Humidity / Temperature	0 - 90% non-condensing / 0°- 40°C
Optional	RS232 / RS485 Output Isolation Transformer
Optional	Surge / Spike Protection (Replaceable SPD)
Dimension D x W x H (mm)	Equipment 600 x 520 x 1080 Box 650 x 570 x 1180
Weight (kg)	Equipment 175 Box 190

Due to continuous product improvements, program specifications are subject to change without notice