

# DLT MCU SERIE

AUTOMATIC VOLTAGE  
STABILISERS  
5 -45 kVA



Singlephase, 5 - 7,5 - 10 - 15 kVA  
Triphase, 22,5 - 30 - 45 kVA

## TECHNICAL SPECIFICATIONS

Developed with Support  
from TUBITAK  
High Efficiency,  
Compact Design

- Overburden /over voltage&over current protection
- Low voltage protection
- Phase protection
- Wide power and voltage interval
- Fast regulation
- Microprocessor control,smart driver and highest reliability
- High efficiency
- Non linear charges drive ability
- Load transfer to bypass by polar switch
- Offers economical solutions for it's application areas
- Input&output voltages digitally displayed
- Monophase types can be wall mounted



Technical Specifications

MODEL	AVR 5000	AVR 7500	AVR 10000	AVR 15000	AVR 15000	AVR 22500	AVR 30000	AVR 45000
Power kVA	5	7,5	10	15	15	22,5	30	45
<b>REGULATOR INPUT</b>								
In.Vol.Correct.Interval	160 - 260 VAC				275 - 450 VAC			
Operation Frequency	47...65 Hz							
Line Input Protection	Phase sequence, Overcurrent, Low and High voltage protection							
<b>REGULATOR OUTPUT</b>								
Output Voltage	220 VAC RMS $\pm$ 2 %				380 VAC RMS $\pm$ 2 %			
Overloading	10 Sec. % 200 Load							
Correction Speed	~ 90 Volt / Sec.							
Upturn Period	~ 90 Volt / Sec. ( 160 VAC - 260 VAC )				~ 90 Volt / Sec. ( 275 VAC - 450 VAC )			
Output Protection	Protects load by opening the circuit when overload, short circuit occurs.							
<b>WORKING PRINCIPLE</b>								
Servo Motor, Microprocessor Controlled, Full Automatic								
<b>GENERAL</b>								
Cooling	Smart Fan System							
Measured Value Monitor.	DELTA TRUE RMS Panel Voltmeter (74x74 mm) output voltage and line voltage monitoring							
Total Harmonic Distortion	-							
Total Efficiency	> % 96							
Mechanical By-Pass	"Manually Controlled Line - Rotary Switch Selects Voltage Regulator" Switch Turn On / Off							
Protection Level	IP 21 (Standard)							
<b>ENVIRONMENTAL</b>								
Operating Temperature	-10 °C / 50 °C							
Storage Temperature	- 25 °C / +60 °C							
Relative Humidity	< % 90, DIN ( 40040 )							
Operating Altitude	< 2000 m.							
Acoustic Level	< 50 dB ( 1 metersquare )							
<b>DIMENSIONS (cm)</b>								
HxWxD (cm)	16x36x26	16x36x26	16x36x26	18x38x28	50x44x110	50x44x110	50x44x110	60x44x119
Weight (kg)	25	28	29	35	105	113	140	160

