

(1-20 kVA)

11

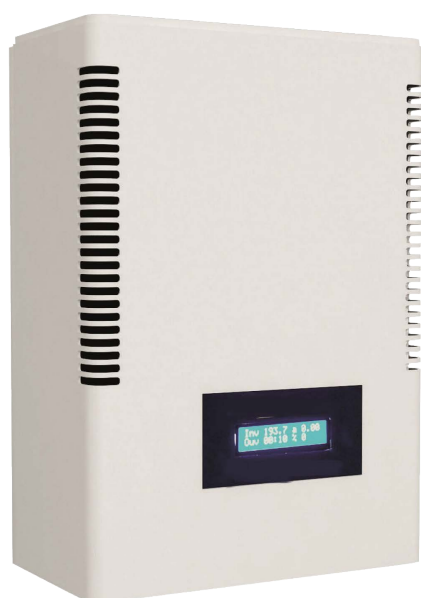
## Mini Smart Stabilizers 500 VA-20000 VA With Relay

### ETOP Relay Model

Relay Type ETOP RELAY MODEL Single Phase Digital Stabilisers (0,5-20kVA) protect your home devices against voltage fluctuations, lengthens their life. They can be used for wall hung water boilers, DVD players, music centres, LCD & Plasma TV, Satellite receivers..etc to obtain much better efficiency

#### General Features

- \* Type: RELAY
- \* 1 phase in / 1 phase out
- \* Power: 0.5 - 20 KVA
- \* Input: 130 VAC / 260 VAC, 100 VAC / 240 VAC
- \* Output: 220 VAC  $\pm$ 2
- \* Efficiency: %96
- \* Regulation speed: 500 V/s
- \* Working conditions: -40°C / +60°C
- \* Protection: Overvoltage, low and high voltage protection
- \* Smart Cooling Fan



For small home  
Appliances  
500-20000 VA



**ETOP**  
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MODEL					
Power kVA	500-1000	2000-5000	5000-1000	1500	20000
REGULATOR INPUT					
In.Vol.Operating.Interval	120 - 260 Volt				
Operation Frequency	47 ...65 Hz				
Line Input Protection	Overcurrent,Low,High Voltage Protection				
REGULATOR OUTPUT					
Output Voltage	220 VAC RMS $\pm$ 2 %10				
Overloading	Seconds 150 % Load				
Correction Speed	500 Volt/Second				
Upturn Period	500 Volt/Second				
Output Protection	Protects load by opening the circuit when overload, short circuit occurs				
WORKING PRINCIPLE					
	Relay type				
GENERAL					
Cooling	Smart Fan System				
Measured Value Monitor	Input and Output Voltage Display Screen				
Total Harmonic Distortion	-				
Total Efficiency	> 96 %				
Mechanical By-Pass	Manually Controlled Line				
Protection Level	IP 20 // IP 25				
ENVIRONMENTAL					
Operation Temperature	-10 °C / 50 °C				
Storage Temperature	-25 °C / 60 °C				
Relative Humidity	< 90 %, DIN ( 40040 )				
Operation Altitude	< 2000 m.				
Acoustic Level	< 50 dB (1 metersquare)				
BOYUTLAR					
HxWxD (cm)	26 x 16,5 x 7,5		30 x 20 x 10		
Weight (kg)	4-6	8,5	14-16	18	20
STANDARDS					
	CE, EN 62040-1, EN 62040-2, EN 62040-3, EN 60950				



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