





STATIC VOLTAGE STABILIZERS

Technical Specifications

- 1000 Volt / Second
- RISC Microprocessor Control,
- Excellent Dynamic, Static Regulation,
- Large Input Voltage Working Range, 130-260 VAC
- Electronic Protection against overload and short circuit,
- 220 VAC \pm 2,5 Regulation,
- Load level, Output and Input Display
- Excessive voltage protection up-down limits.
- DELTA Static stabiliser is used when the speed of operation represents a critical load issue
- The voltage stabiliser does not provide galvanic separation between input and output.
- High Efficiency

Model	STK11 05	STK11 7,5	STK11 10	STK11 15	STK11 20
Power (kVA)	5	7,5	10	15	20
Regulator Input					
In.Vol. Correct. Interval	160-250 VAC				
Operation Frequency	47...65 Hz				
Line Input Protection	Overcurrent thermic fuse and sudden overburden protection				
Regulator Output					
Output Voltage	220 VC RMS \pm 2%				
Overloading	10 sec.%200 load %500 load 20 ms				
Correction Speed	~ 1000 volt/sec.				
Upturn Period	20ms				
Output Protection	Short circuit, overburden,overcurrent electronic protection,protects load via opening control				
Working Principle					
Microprocessor controlled, full automatic, static, semi conductor electronic structure maintenance free					
Control Panel					
Display and Buttons	Display Screen				
Alert Message	Input low /Output low,/ Hi, Over temperature (Smart Fan System)				
Meas. Value Monitorization	Output Voltage, Network Voltage				
Out.Up. Protect. Limit	Standard				
Out. Sub. Protect. Limit	Standard				
Regulation Voltage	Standard				
General					
Total Efficiency	>%97 (full load)				
Mechanical By-pass	"Manually Controlled Line- PAKO SWITCH Selects Voltage Regulator" Switch Turn On / Off				
Protection Level	IP 20				
Environmental					
Working Temperature	-10°C / 50°C				
Storage Temperature	-25°C / +60°C				
Relative Humidity	<%90, DIN (40040)				
Working Altitude	<2000m				
Noise Level	<50 dBA				
Dimensions (HxWxD) (cm)	30x45x37	33	30x55x37	35x60x42	
Weight (kg)	30	33	38	50	55

Model	STK11 25	STK11 30	STK11 40	STK11 50
Power (kVA)	25	30	40	50
Regulator Input				
In.Vol. Correct. Interval	160-250 VAC			
Operation Frequency	47...65 Hz			
Line Input Protection	Overcurrent thermic fuse and sudden overburden protection			
Regulator Output				
Output Voltage	220 VC RMS \pm 2%			
Overloading	10 sec.%200 load %500 load 20 ms			
Correction Speed	~ 1000 volt/sec.			
Upturn Period	20ms			
Output Protection	Short circuit, overburden,overcurrent electronic protection,protects load via opening control			
Working Principle				
Microprocessor controlled, full automatic, static, semi conductor electronic structure maintenance free				
Control Panel				
Display and Buttons	Display Screen			
Alert Message	Input low /Output low,/ Hi, Over temperature (Smart Fan System)			
Meas. Value Monitorization	Output Voltage, Network Voltage			
Out.Up. Protect. Limit	Standard			
Out. Sub. Protect. Limit	Standard			
Regulation Voltage	Standard			
General				
Total Efficiency	>%97 (full load)			
Mechanical By-pass	"Manually Controlled Line- PAKO SWITCH Selects Voltage Regulator" Switch Turn On / Off			
Protection Level	IP 20			
Environmental				
Working Temperature	-10°C / 50°C			
Storage Temperature	-25°C / +60°C			
Relative Humidity	<%90, DIN (40040)			
Working Altitude	<2000m			
Noise Level	<50 dBA			
Dimensions (HxWxD) (cm)	75x50x50		75x50x60	
Weight (kg)	63	65	80	85



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