

STK 33 Serie

Static Voltage Stabilizers
30-2000 kVA

ReDeal Threephase Static Voltage Stabilisers are:
Multi-tap autotransformer;
Microprocessor control system.



Technical Specifications

- 3 phase in / 3 phase out
- Sensitive and fast TRUE RMS reading modul
- In 20 mili second reading
- Independent phase control
- Fast regulation module
- Improvable output regulation structure
- Reading power parameters
- Modular card structure
- Maintenance free structure
- Ability to work under whatever with $\cos \mu$ load
- Ability to discriminate Non-Linear load and short circuit
- In the case of short circuit It prevents blowing of fuse
- Reoperating from short circuit
- 2 years warranty
- 10 years spare parts support



Specifications

MODEL	3330	3345	3360	3375	33100	33120	33150	33200	33250	33300	33400	33500	33600	33800	331000	331250	331500	331600	332000
Power kVA	30	45	60	75	100	120	150	200	250	300	400	500	600	800	1000	1250	1500	1600	2000
REGULATOR INPUT																			
In.Vol.Correct.Interval	285 - 440 VAC																		
Operation Frequency	47...65 Hz																		
Line Input Protection	Overcurrent thermic fuse and sudden overburden protection																		
Current at Input	48	72	96	120	161	192	240	322	404	480	646	808	960	1292	1616	2020	2424	2584	3232
REGULATOR OUTPUT																			
Output Voltage	380 / 400 / 415 VAC RMS \pm % 3																		
Overloading	10 Sec. % 200 Load % 500 Load 20 ms																		
Correction Speed	~ 1000 Volt / Sec.																		
Upturn Period	20 ms																		
Output Protection	Short circuit, overburden, overcurrent electronic protection, protects load via opening control																		
Current at Input	36	54	72	90	121	144	180	242	303	360	484	606	720	968	1212	1515	1818	1940	2424
WORKING PRINCIPLE																			
Microprocessor controlled, full automatic, static, semi conductor electronic structure maintenance free																			
CONTROL PANEL																			
Display and Buttons	Display Screen																		
Alert Message	Input Low / Hi, Output Low / Hi, Over temperature (Smart Fan System)																		
Meas.Value Monitorization	Output Voltage, Line Voltage																		
Out. Up. Protect.limit	Standard																		
Out. Sub Protect.limit	Standard																		
Regulation Voltage	Standard																		
GENERAL																			
Total Efficiency	> % 97 (Full Load)																		
Mechanical ByBass	"Manually Controlled Line - PAKO SWITCH Selects Voltage Regulator" Switch Turn On / Off																		
Protection Level	IP20 / IP54 (Optional)																		
ENVIRONMENTAL																			
Working Temperature	-10 °C / 50 °C																		
Storage Temperature	-25 °C / +60 °C																		
Relative Humidity	< % 90, DIN (40040)																		
Working Altitude	< 2000 m.																		
Noise Level	< 50 dB																		
Documents	ISO 9001 // CE // TÜV Austria Hellas																		
Dimensions (HxWxD)	117x41x64	127x41x64	138x51x68	140x61x89			147x120x95			160x140x120			175x180x120	195x240x155					
Weight	130	170	210	230	250	270	300	760	830	900	1000	1100	1150	1650	2850	3100	3400	3500	4000