



JCB STK 33 SERIE



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STATIC VOLTAGE STABILIZERS



Technical Specifications

- 3 phase in / 3 phase out
- Sensitive and fast TRUE RMS reading modul
- In 20 mili second reading
- 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

Model	STK33 30	STK33 45	STK33 60	STK33 75	STK33 100	STK 33 120
Power (kVA)	30	45	60	75	100	120
Regulator Input						
In.Vol. Correct. Interval	275-440 VAC					
Operation Frequency	47...65 Hz					
Line Input Protection	Overcurrent thermic fuse and sudden overburden protection					
Regulator Output						
Output Voltage	380/ 400 / 415 VAC 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)	117x41x63	127x41x63	138x50x68		142x60x88	
Weight (kg)	130	170	210	230	250	270

Model	STK33 150	STK33 200	STK33 250	STK33 300	STK33 400	STK 33 500
Power (kVA)	150	200	250	300	400	500
Regulator Input						
In.Vol. Correct. Interval	275-440 VAC					
Operation Frequency	47...65 Hz					
Line Input Protection	Overcurrent thermic fuse and sudden overburden protection					
Regulator Output						
Output Voltage	380/ 400 / 415 VAC 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)	142x60x88		145x120x195		160x140x120	
Weight (kg)	300	760	830	900	1000	1100

Model	STK33 600	STK33 800	STK33 1000	STK33 1250	STK33 1600	STK 33 2000
Power (kVA)	600	800	1000	1250	1600	2000
Regulator Input						
In.Vol. Correct. Interval	275-440 VAC					
Operation Frequency	47...65 Hz					
Line Input Protection	Overcurrent thermic fuse and sudden overburden protection					
Regulator Output						
Output Voltage	380/ 400 / 415 VAC 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)	160x140x120	175x180x120		190x240x155		
Weight (kg)	1150	1650	2850	3100	3500	4000



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