

DALTON

Static Stabilizer



VRS33 Series (10KVA-120KVA)



A voltage stabilizer is a power device destined to be positioned between the mains and the User. The purpose is to ensure that the User is fed a voltage subject to a variation much lower ($\pm 0.5\%$ with regards to the nominal value) than the one guaranteed by the distributing system.

- Interrupting devices
- Load protection against over/under voltage
- Input isolating transformer (optional)
- Integrated automatic power factor correction system
- Neutral point reactor
- IP54 protection degree for indoor and outdoor installation

Technical Specifications

Standard features	Aquarius	Aquarius Plus
Voltage regulation	IGBT control	
Voltage stabilization	Independent phase control	
Selectable output voltage*	220-230-240V (L-N) / 380-400-415V (L-L)	
Output voltage accuracy	±1%	
Frequency	50-60Hz ±5%	
Admitted load variation	Up to 100%	
Cooling	Forced ventilation	
Ambient temperature	-25/+45°C	
Storage temperature	-25/+60°C	
Max relative humidity	95%	
Admitted overload	150% 2 sec.	
Harmonic distortion	None introduced	
Colour	RAL 9005	
Protection degree	IP21	
Instrumentation	Output digital Multimeter	
Installation	Indoor	
Overvoltage protection	Output class II surge arrester	
Protection	EMI/RFI filters Automatic by-pass protection	EMI/RFI filters Input automatic circuit breaker Automatic by-pass protection Manual maintenance by-pass

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