

# Watford Control



World Leaders in Voltage Stabilisers

## EMS 200kVA $\pm 20\%$

THREE-PHASE ELECTRO-MECHANICAL DIGITAL VOLTAGE STABILISER

TYPE	INPUT VARIATION [%]	RATED POWER [kVA]	INPUT VOLTAGE RANGE [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 0.5\%$ [V]	RATED OUTPUT CURRENT [A]	EFF. [%]	ADJUST. SPEED [ms/V]	SIZE WxDxH (mm)	WEIGHT [kg]
200-20	$\pm 20$	200	320-480	361	400	289	>98	15	800 x 800 x 2000	800

### WATFORD CONTROL EMS

THREE-PHASE ELECTRO-MECHANICAL DIGITAL VOLTAGE STABILISERS

Standard Features	EMS
Voltage stabilisation	Independent phase control
PC selectable output voltage*	from 210V to 255V (L-N) from 360V to 440V (L-L)
Output voltage accuracy	$\pm 0.5\%$
Frequency	50Hz $\pm 5\%$ or 60Hz $\pm 5\%$
Admitted load variation	Up to 100%
Admitted load imbalance	100%
Cooling	Natural ventilation. From 35°C aided with fans
Ambient temperature	-25°C/+45°C Standard.
Storage temperature	-25°C/+60°C Standard.
Max relative humidity	<95% (non condensing)
Admitted overload	200% 2min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP 21
Instrumentation	Input and output multi meter
Installation	Indoor
Overvoltage protection	– Class II output surge arrestors – Optimal voltage return through supercapacitors in case of black-out

\* Output voltage can be adjusted by choosing one of the indicated values. Such choice sets the new nominal value as a reference for all the stabiliser parameters.

\*\* Optional.