

TECHNICAL DATA SHEET  
**45KVA VOLTAGE STABILISER**  
**EMC45S**



**Technical Features**

<b>Capacity (KVA)</b>	<b>45KVA</b>
<b>INPUT: Input Variation</b>	<b>±15%</b>
<b>INPUT: Voltage</b>	<b>Nominal input voltage 196-265V (3ph)</b>
<b>INPUT: Operation Frequency</b>	<b>50Hz ±5%</b>
<b>OUTPUT: Voltage</b> Factory set to order	<b>220V~240V (L-N)</b>
<b>Max Input Current</b>	<b>76A</b>
<b>Rated Output Current</b>	<b>65A</b>
<b>Output Voltage Accuracy</b>	<b>±0.5%</b>
<b>Efficiency</b>	<b>&gt;98%</b>
<b>Adjustment Speed</b>	<b>16 ms/V</b>
<b>Admitted overload</b>	<b>200% 2min</b>
<b>ENVIRONMENT: Ambient Temperature</b>	<b>-25°C~45°C</b>
<b>ENVIRONMENT: Storage Temperature</b>	<b>-25°C~60°C</b>
<b>ENVIRONMENT: Maximum humidity</b>	<b>≤95% (non-condensing)</b>
<b>Cooling</b>	<b>Up to 45kVA ±15% natural ventilation From 60kVA ±15% aided with fans</b>
<b>Weight</b>	<b>200Kg</b>
<b>Ingress Protection</b>	<b>IP21</b>
<b>Installation</b>	<b>Indoor</b>
<b>Colour</b>	<b>RAL 7035</b>
<b>Harmonic Distortion</b>	<b>None included</b>
<b>Dimensions (mm)      WxDxH</b>	<b>410x680x1200</b>
<b>Overvoltage Protection</b>	<b>Class II output surge arrestors</b>

*The values listed in the above table are referred to 400A nominal voltage.*