

AC Voltage Stabiliser

QuadCore series 3

When the three-phase mains voltage is constantly too low or too high, or when it fluctuates, or when it lacks symmetry, a QuadCore 3 will reliably stabilise the three-phase voltage with high precision.

QuadCore is compatible with all loads: Motors, heaters, inverters, machines.
Reliable thyristors and transformers stabilise over- and under-voltage.

No switching in the power path, no switching in the sine wave.
Smooth and stress-free transformer selections at zero-crossing moments.



QuadCore 310 for 3x 10kW, QuadCore 320 for 3x 20kW and QuadCore 340 for 3x 40kW.

Duty cycle: 100% for maximum continuous power.

Overloads: 150% for 20 seconds, 300% for 5 seconds.

Output is any voltage between 220V and 240V - +1.5%, fine adjustable with a potentiometer.

Efficiency is 98%.

Operating ambient temperatures are -15 to 45 degrees C.

IP 20: To be used in a dry and ventilated room.

Dimensions are W410 x L790 x H 370 mm. Powder coating in satin black.

Weight of QuadCores series 3: 180kg, 240kg, 310kg.

Maintenance-free voltage regulation without moving parts.

No tapped transformers, no servos, no need for shielding and filters.

Power is available one minute after power-on.

Output currents per phase are 45A, 90A and 180A.

Bypass solutions for the case of a blown fuse:

Flexible: A single phase plug, to be connected either to the QuadCore output or to Mains power.

Fixed: A changeover switch: Manual or automatic.

