

Single Phase AC Voltage Stabiliser

Stabil-1

Machines, pumps, refrigeration, electronics, inverters require stable AC voltages to work.

Stabil-1 is a reliable single phase voltage stabiliser for workshop, farm and factory.

The incoming supply voltage may vary widely, the stabiliser output remains absolutely stable.

A farm at the end of a power line may receive low voltages at times.

A property in a weak network suffers when other customers use a high amount of power.

Voltages near a power source may be too high at times and the electricity meter runs faster.

Stabil-1 is reliable: It contains no servos and no rotating parts.

Voltage stabilisation is performed by transformers without taps.

Versions for different power requirements:

Stabil-1-4	4kW	230V	18A
Stabil-1-8	8kW	230V	35A
Stabil-1-16	16kW	230V	70A
Stabil-1-24	24kW	230V	105A



For precise regulation, the incoming voltage can be up to 42V lower and 42V higher than the stabilised output. The stable output voltage is user adjustable to 220V, 230V and 240V. Output voltage may vary within between + - 3%.

Stabil-1 is compatible with all loads: Motors, heaters, inverters, machines.

It computes the necessary correction and selects standard transformers to adjust the voltage.

Maximum continuous power can be used continuously.

Overloads in case of starting motors can be 300% for up to ten seconds.

There are no tapped transformers, no servos inside, no switches in the power path.

Efficiency: 98%.

Operating ambient temperature: - 15 to + 45 degrees C.

Dimensions: W410 x L790 x H 370 mm.

Weight: 65kg- 105kg.

IP20: Use it in a dry and ventilated room.

Part replacement warranty is five years.