

EAN CODE : 3760244880178

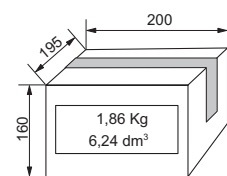
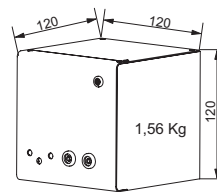
12 V

ALF1225

**PRECISE** : Output ripple < 3 mV rms.**COMPLIANT** : EN 61000-3-2 Built in active power corrector (PFC).**PRACTICAL** : Output voltage adjustable from 10 to 15 V.
25 A from 10 to 12 V and 20 A at 15 V.**POWERFUL** : to cumulate n+1 (Parallel active mode).**PROTECTED** : against short circuit.**QUIET** : Temperature controlled fan cooling.**300 WATTS**

12 V (Adj. 10 to 15 V)

25 A



Specifications

Voltage

- Floating outputs on 4 mm safety sockets.
- Output voltage : adjustable from 10 to 15 V with fine adjustment.
- Regulation : < 70 mV for a load variation from 0 to 100%.
< 1 mV for a line variation from -10 to +10%.
- Ripple : < 3 mV rms including :
< 8 mV peak to peak of the signal at 100 kHz
< 3 mV peak to peak of the signal at 100 Hz
< 50 mV peak to peak of switching spikes
- Internal resistance : < 4 mΩ.
- Hold-up time : 25 ms at half load and 12 ms at full load (190 V line input).
- Indicator : green power-on LED indicator.
overheat or overvoltage red LED indicator.

Current

- Max I : 25,5 A in short circuit condition.
25 A from 10 to 12 V, 20 A at 15 V.

Power

- Output power : 300 W from 12 to 15 V, 250 W to 10 V.

Paralleling mode

- Load share controller (1 wire) on 2 mm safety sockets.

Protections

- Against short circuits by current regulation.
- Against overcurrent on main input, by internal fuse.
- Against output overload by voltage limiting to 17 V.
- Against overheat by controlled fan.

Other specifications

- Safety : Class II, double insulation, complies with EN 61010-1.
- EMC : Complies with EN 61326-1, performance criteria B, and EN 55011, ISM Group I, Class B.
- Protection level : IP 30.
- Input voltage : 190 to 264 Volts, 50/60 Hz.
- Mains input : C8 socket with CEI320 C7 removable cable (2 poles double insulation).
- Power consumption : 360 W max.
- Power factor : 0.99 (built with PFC).
- ON/OFF control : toggle switch
- Dielectric strength : 3000 VAC between input and output.
- Presentation : metal case with epoxy finish.