

EAN CODE : 3760244880222

24 V

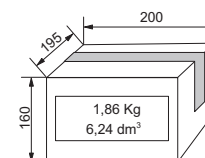
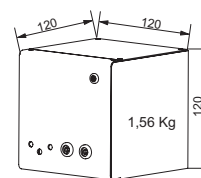
ALF2412

- PRECISE** : Output ripple < 3 mV rms.
- COMPLIANT** : EN 61000-3-2 Built in actif power corrector (PFC).
- PRACTICAL** : Output voltage adjustable from 20 to 30 V.  
15 A at 20 V and 10 A at 30 V.
- POWERFUL** : to cumulate n+1(Parallel active mode).
- PROTECTED** : against short circuit.
- QUIET** : Temperature controlled fan cooling.

**300 WATTS**

24 V (Adj. 20 to 30 V)

12,5 A



## Specifications

### Voltage

- Floating outputs on 4 mm safety sockets.
- Output voltage : adjustable from 20 to 30 V with fine adjustment.
- Regulation : < 40 mV for a load variation from 0 to 100%.  
< 1 mV for a line variation from -10 to +10%.
- Ripple : < 3 mV rms including :  
< 5 mV peak to peak of the signal at 100 kHz  
< 3 mV peak to peak of the signal at 100 Hz  
< 40 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 : 15,5 A in short circuit condition.  
15 A at 20 V, 12,5 A at 24 V, 10 A at 30 V.

### Power

- Constant output power : 300 W from 20 to 30 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 limit to 33 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.
- ON/OFF control : toggle switch
- Power factor : 0.99 (built with PFC).
- Dielectric strength : 3000 VAC between input and output.
- Presentation : metal case with epoxy finish.