

# UNREGULATED AND SMOOTHED SINGLE-PHASE AND THREE-PHASE 24V DC POWER SUPPLIES FOR CHASSIS AND DIN RAIL MOUNTING FROM 1A TO 40A

Unregulated and smoothed 24V DC outputs.

Single-phase input with 1A to 16A DC output with 5% ripple.  
Three-phase input with 6A to 40A DC output with 3% or 6% ripple.

Off load voltage < 30.2V with 6% line over voltage.  
Full load voltage > 20.4V with 10% line under voltage.

DIN rail mounting option for models from 1A to 2.5A DC.

145-125.001



Three ranges of unregulated 24V DC conventional power supplies:

- Single-phase range with either 230V +/- 5% or 400V +/- 5% inputs and a 24V DC output from 1A to 6A with 5% ripple.
- Single-phase range with dual inputs of 230 / 400V +/- 5% and a 24V DC output from 10A to 16A with 5% ripple.
- Three-phase range with 400V +/- 5% inputs and a 24V DC output from 6A to 40A with either 6% or 3% ripple.

The transformers are to VDE 0551 Class 1 construction and are suitable for ambient temperatures of up to 60 °C. The connections are touch protected screw terminals and all units are designed for chassis mounting. Single-phase units up to 2.5A DC are suitable for DIN rail mounting using of an easy fit DIN rail adaptor.

Reference (Input Voltage 230V 1ph +/- 5%)	Reference (Input Voltage 400V 1ph +/- 5%)	Output Voltage and Current	Dimensions L x W x H (mm)	FC L x W x diam. (mm)	Weight (kg)
GF 145-113	GF 145-113.001	24V DC 1.00A	78.0 x 70.0 x 112.0	65.0 x 52.0 x 4.8	1.3
GF 145-114	GF 145-114.001	24V DC 1.60A	78.0 x 70.0 x 112.0	65.0 x 52.0 x 4.8	1.3
GF 145-125	GF 145-125.001	24V DC 2.50A	84.0 x 86.0 x 120.0	70.0 x 70.0 x 4.8	2.2
GF 145-116	GF 145-116.001	24V DC 3.15A	84.0 x 86.0 x 120.0	70.0 x 70.0 x 4.8	2.2
GF 145-117	GF 145-117.001	24V DC 4.00A	105.0 x 96.0 x 140.0	88.0 x 71.0 x 5.3	3.0
GF 145-119	GF 145-119.001	24V DC 6.00A	105.0 x 96.0 x 140.0	88.0 x 71.0 x 5.3	3.6



145-114

Reference (Input Voltage 230 / 400V 1ph +/- 5%)	Output Voltage and Current	Dimensions L x W x H (mm)	FC L x W x diam. (mm)	Weight (kg)
GF 148-110	24V DC 10A	126.0 x 105.0 x 186.0	90.0 x 86.0 x 5.8	6.0
GF 148-116	24V DC 16A	195.0 x 112.0 x 210.0	123.0 x 90.0 x 7.0	14.8



148-110

Reference (Input Voltage 400V 3ph +/- 5% with 6% Ripple)	Reference (Input Voltage 400V 3ph +/- 5% with 3% Ripple)	Output Voltage and Current	Dimensions L x W x H (mm)	FC L x W x diam. (mm)	Weight (kg)
GF 137-106	GF 137-106.200	24V DC 6A	125.0 x 80.0 x 154.0	100.0 x 56.0 x 5.0	3.1
GF 137-110	GF 137-110.200	24V DC 10A	156.0 x 140.0 x 105.0	140.0 x 112.0 x 4.3	5.5
GF 137-116	GF 137-116.200	24V DC 16A	185.0 x 165.0 x 120.0	167.0 x 132.0 x 7.0	8.1
GF 137-125	GF 137-125.200	24V DC 25A	185.0 x 165.0 x 190.0	167.0 x 132.0 x 7.0	12.1
GF 137-140	GF 137-140.200	24V DC 40A	215.0 x 212.0 x 185.0	194.0 x 157.0 x 7.0	18.1



137-106

Reference (Input Voltage 200/230/400/415/440/460/480/500V 3ph with 3% Ripple)	Output Voltage and Current	Dimensions L x W x H (mm)	FC L x W x diam. (mm)	Weight (kg)
GF 137-106.201	24V DC 6A	125.0 x 80.0 x 154.0	100.0 x 56.0 x 5.0	3.6
GF 137-110.201	24V DC 10A	156.0 x 140.0 x 105.0	140.0 x 112.0 x 4.3	6.0
GF 137-116.202	24V DC 16A	185.0 x 165.0 x 120.0	167.0 x 132.0 x 7.0	8.5
GF 137-125.201	24V DC 25A	185.0 x 165.0 x 190.0	167.0 x 132.0 x 7.0	12.7
GF 137-140.201	24V DC 40A	215.0 x 212.0 x 185.0	194.0 x 157.0 x 7.0	19.0