



МАРТ

E-MART
ВАШ ПОСТАВЩИК
FARADAY

<https://emart.su/brands/faraday/>

Федеральный	8 800 511-77-41
Санкт-петербург	8 812 426-99-66
Москва	8 495 137-99-67
Краснодар	8 861 205-62-66

www.emart.su

mail@emart.su



FEATURES:

- CE, EAC certified
- Can be installed on DIN rail TS-35/7.5 or 15
- Universal input, wide range: 100-240 VAC/±120..370 VDC
- Adjustable DC output in the range of 12..24 V (manual)
- Automatic protection: short circuit, overload
- LED indicators for power on
- Slim housing

SPECIFICATION

Model name		80W/12-24V/DIN
Output	Rated power	80 W
	Rated DC voltage	12 - 24 V
	Maximum DC voltage range	11,5 - 24,5 V
	Rated current range	6,67 - 3,33 A
	Voltage ripple and noise	≤20 mV
	PWM frequency	65 kHz
	Temperature regulation	≤1 %
	Setup, rise time	≤2000 mS
Input	Voltage range	100 - 240 VAC (94 - 264 VAC max.); ±120 - 370VDC
	Frequency range	47 - 63 Hz
	Efficiency	for 12V ≥85 % for 24V ≥89 %
	No load power consumption	≤0,3 W
	Inrush current	40 A max.
Indication	Green LED (power ON)	On - output DC OK / blinking - in protection
Protection	Maximum output power	88 W
	Short circuit, overload, over voltage	Hiccup mode, recovers automatically after fault condition is removed
Environment	Working temperature	- 25..+60 °C
	Storage temperature	-40..+85 °C (10..90% RH)
	Working humidity	20 - 90% RH non-condensing
	Vibration	10-500 Hz, 2G, 10 min./1 cycle, period for 60 min., each along X, Y, Z axes
Safety & EMC	Safety standards, EMC emission	IEC61000-3-2:2014, EN61000-3-3:2013, EN55013:2013, EN55020:2007, EN60065:2009, EN55022 Class B
	Withstand voltage I/P-O/P	3kV / 60 s / 5 mA
	Withstand voltage I/P-FG	1.5kV / 60 s / 5 mA
	Withstand voltage O/P-FG	0.5kV / 60 s / 5 mA
	Isolation resistance (I/P-O/P, I/P-FG, O/P-FG)	100 M Ohms/500 VDC/25 °C/70% RH
Others	MTBF	150 000 hours
	Dimension, mm	93 x 78 x 56
	DIN-rail mounting	Provided by case's design
	Warranty	2 years
	Packing	Plastic bag, white box
	Weight	250 g

DIMENSIONS

