

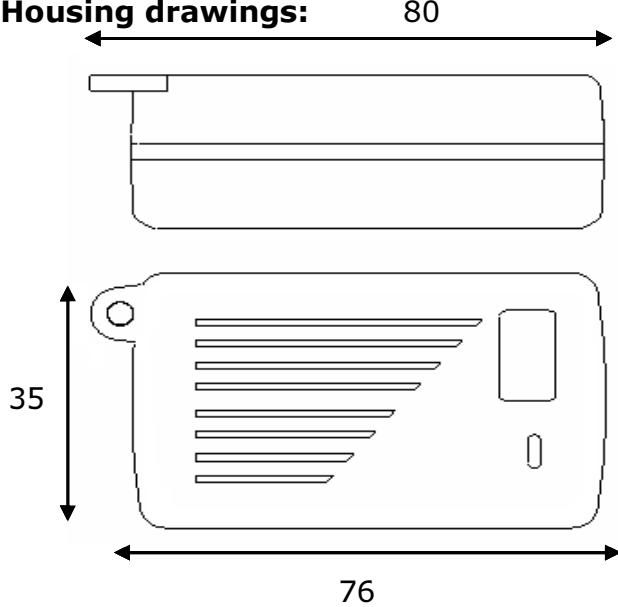


Certified in Ukraine, Russia, EU  
 IC PWM driver made in Taiwan  
 Tiny plastic housing  
 Universal output 12-24V  
 Universal input ~100-240VAC; 150-380VDC  
 Full autoprotection from overload  
 Shielded output cable  
 Nonflamable housing material  
 3 years warranty

**Technical Parameters:**

Output	Rated power	<b>19Wt</b>
	Rated voltage	<b>12-24V</b>
	Voltage range	11,5-24,5V
	Rated current	12V:1,6A; 24V:0,80A
	Noise & ripple <sup>1</sup>	≤1,0%
	PWM Frequency	65kHz (22kHz without load)
	Temperature regulation	≤1%
Input	Output voltage setup time	1500ms
	Voltage range	~100-240VAC (94-264V MAX); 150-380VDC
	Frequency range	47 ~ 63Hz
	Efficiency	Uout=12V, ≥87%; Uout=24V, ≥90%;
Indication	No load power consumption	≤1,7Wt 40A MAX
	Green LED	ON - normal work, blinks - protection on
Output & Input Cable	Output & Input cable and connector settings (set's up by customer)	2x0,5mm, 1,5 m, Euro plug VDE 22 AWG, 1,5 m, DC jack 4.0x1.7x8mm
	Protection	MAX output power 21Wt Protection type Automatic
Environment	Work temperature	- 25 °C to + 60 °C
	Storage temperature	-40 °C to +85 °C (humidity 10%~90%)
	Humidity	20%~90%
Safety & EMC	Vibration	10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes
	Confirmed safety standards	IEC61000-3-2:2004, EN61000-3-3:2004, EN55013:2004, EN55020:2003, IEC60065:2009
	Withstand voltage output/input	3000V/60s/5mA
	Withstand voltage input/ground	1500V/60s/5mA
Others	Withstand voltage output/ground	500V/60s/5mA
	Insulation resistance	100Mohm at ±500V
	MTBF	50 000 hours
	Housing size	74x45x28
	Warranty	<b>3 years</b>
	Packing	white box, 100 pcs per carton
	Weight	180 g

**Housing drawings:**



**Label:**

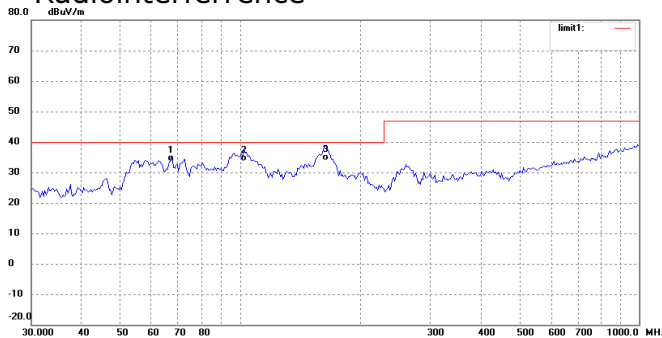


**Bar-code:**

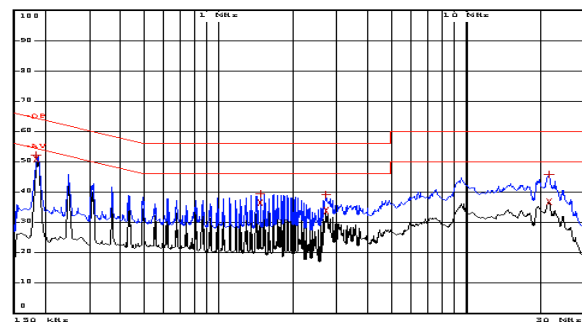


**EMI-emission test**

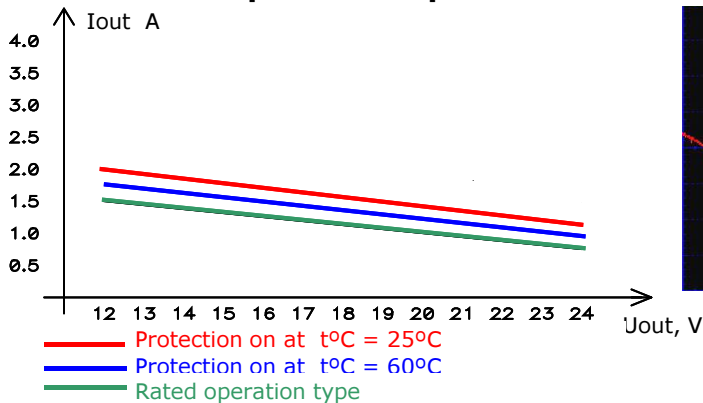
**Radiointerference**



**Emission interference**



**Short current protection points:**



**1 Noise & ripple: Oscillogram**



**FARADAY Electronics accepting applications on development and manufacturing of power supplies according to Your technical tasks. Minimal order quantity - 2000 pcs. Term of readiness - 20 days. Production time - 15 days + delivery.**