



Certified in Russia, Ukraine, EU
 IC PWM driver made in Taiwan
 Full autoprotection from overload
 OPF performance
 Universal input ~84-264VAC; 90-380VDC
 Output voltage and current control
 Lighting of streets, offices, apartments

Developed for "Laser Grafiti" ©, Saint-Petersburg, Russia

Technical Parameters:

Output	Rated power	50Wt (60Wt MAX)
	Rated voltage	25V
	Voltage range	24-27V (installation by resistor)
	Rated current, Uout=25V	2,0A
	Noise & ripple	≤0,5%
	Rated current range	0,9-2,05A, installation by resistor
	Ripple rated current	≤0,3mA
	Luminous flux harmonics(standard)	GOST R 51317.3.2-99
	PWM frequency	65-130kHz (22kHz without load)
	Temperature regulation	≤1%
Output voltage setup time	1500ms	
Input	Power factor	≥90%
	Leakage current	<0,7mA
	Consumption current from system	0,12 – 0,23A
	Input voltage range	~100-240VAC (84-264VDC MAX); 90-380VDC
	Frequency range	40 ~ 400Hz
	Efficiency	Uout=25V, ≥89% ;
	No load power consumption	≤1,0Wt
Protection	Inrush current	<2,5A
	MAX output power	65Wt
Environment	Protection type	Automatic
	Working temperature	- 25 °C to + 70 °C
	Storage temperature	-40 °C to +85 °C (влажность 10%~90%)
	Humidity	20%~90%
Safety & EMC	Vibration	10 ~ 500Hz, 2G 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 input/output	3000V/60s/5mA
	Withstand voltage input/ground	1500V/60s/5mA
	Withstand voltage output/ground	500V/60s/5mA
Others	Insulation resistance	200MOhm (500VDC)
	MTBF	50 000 hours
	Housing size	160x67x25
	Warranty	2 years
	Packing	white box 50 pcs per carton
	Weight	185g

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.