



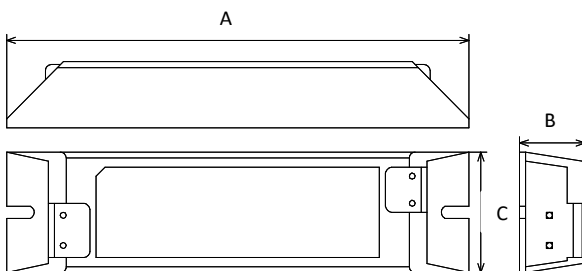
Certified in Russia, Ukraine, EU
 Universal input 100-240VAC; 150-380VDC
 8 hours burn-in test
 IC PWM driver made in Taiwan
 Tiny plastic case
 Full automatic overload protection
 Waterproof IP67 housing order
 Nonflammable housing material
 Output current & voltage according to order
 Warranty 2 years

Technical Parameters

		12Wt	24Wt	36Wt	48Wt
Output	Rated power				
	Output voltage (according to order)	3-48V			
	MAX output current	3A	5A	8A	10A
	Output current pulsation	≤5,0%			
	Noise & ripple (48v output voltage)	<1.9V p-p	<2.8V p-p	<3.6V p-p	<3.8V p-p
	PWM frequency	120 kHz (60 kHz without load)			
	Temperature regulation	≤1%			
	Output voltage setup time	<1500ms			
Input	Voltage range	100-240VAC (94-264VAC MAX); 150-380VDC			
	Frequency range	47 ~ 63Hz			
	Efficiency	≥89%			
	Power factor, cos φ	>0,95			
	No load power consumption	≤1,0Wt			
Input connector	Inrush current	<8A	<10A	<12A	<15A
	Terminal screw connector or cable for IP67	according to order			
Output connector	Terminal screw connector or cable for IP67	according to order			
	MAX output power	14Wt	28Wt	43Wt	56Wt
Protection	Protection type	full auto			
	Work temperature (for waterproof model)	0 °C to + 60 °C (-20 °C to + 60 °C)			
Environment	Storage temperature (for waterproof model)	-10 °C to +85 °C (-30 °C to + +85 °C)			
	Humidity	20%~90%			
	Vibration	10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes			
Safety & EMC	Confirmed safety standards	IEC61000-3-2:2004, EN61000-3-3:2004, EN55013:2004, EN55020:2003, IEC60065:2009, EN60950-1			
	Withstand voltage input/output	3000V/60s/5mA			
	Leakage current	<0,25mA			
	Insulation resistance	100MOhm at 500VDC			
Others	MTBF	30 000 hours			
	Warranty	2 years			
	Packing	white box, 100 pcs per carton			

¹ can be delivered in waterproof housing (IP67)

Housing sizes



	12W	24W	36W	48W
A	155			
B	22			
C	33	40	50	60



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.