

ARPV-12020A (12V, 1.67A, 20W)

Features:

- Output constant voltage
- Input range 170-265VAC 90-130VAC
- Efficiency 85% max.
- Protections: short circuit/ over current
- Cooling by free air convection
- IP67 design for indoor or outdoor installations .
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lighting
- Suitable for dry/damp/wet locations



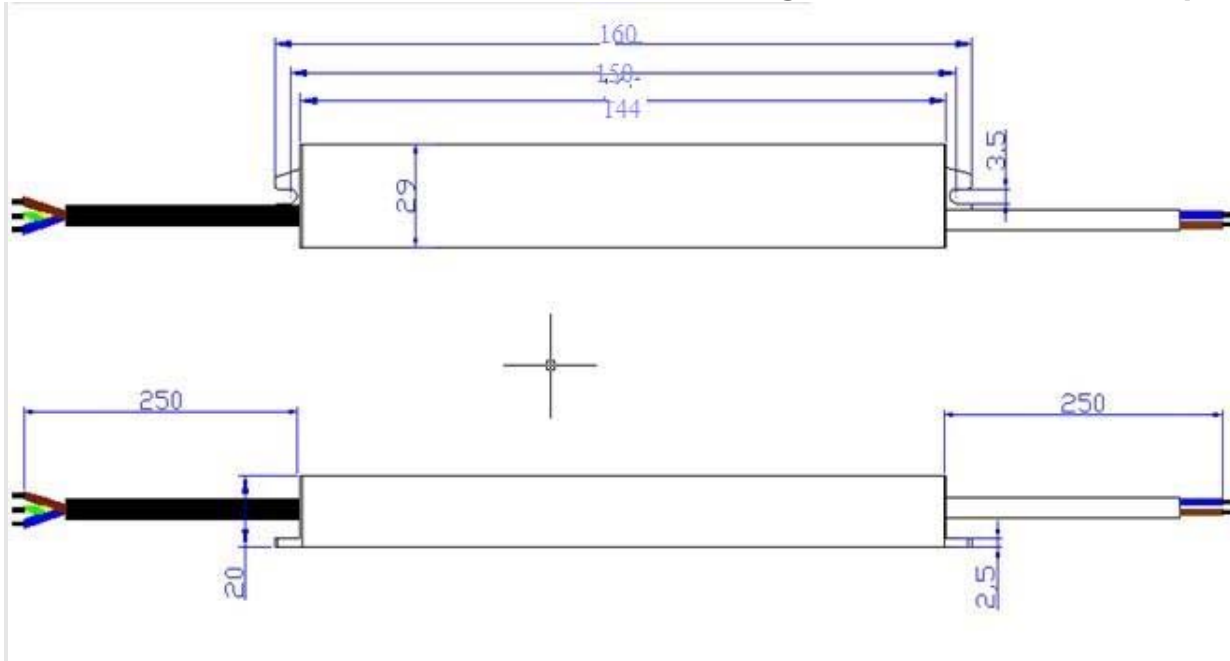
IP67 **RoHS** **CE**

Specification

Model		ARPV-05020A	ARPV-12020A	ARPV-24020A
Output	DC Current	4A	1.67A	0.83A
	Voltage Accuracy	±0.5V		
	Output voltage	5V	12V	24V
	Rated power	20W	20W	20W
Input	Voltage Range	170~265VAC or 90-130V AC (90~265VAC can customized)		
	Frequency Range	47~63HZ		
	Power Factor (Typ.)	PFC can be customized! Usually, PFC=0.6.		
	Full Load Efficiency (Typ.)	81%	83%	85%
	AC Current (Typ.)	0.19A	0.18A	0.18A
	Leakage current	< 0.7mA/220VAC		
Protection	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed		
	Over Current	≅ 1.4 Iout		
	Over temperature	100°C±10°C shut down o/p voltage, re-power on to recover		
Environment	Working TEMP.	-40~+60°C		
	Working Humidity	20~95%RH, non-condensing		
	Storage TEM., Humidity	-40~+80°C, 10~95%RH		

	TEMP. coefficient	±0.03%/°C (0~50°C)	
	Vibration	10~500Hz, 5G 12min./1 cycle, period for 72min.each along X,Y,Z axes	
Safety&EMC	Safety standards	EN61347-2-13.IP67	
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC	
	Isolation resistance	I/P-O/P I/P-FG O/P-FG: 100MΩ/500VDC/25°C/70%RH	
	EMC EMISSION	Compliance toEN55015,EN61000-3-2 (≥50%Load)	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN61547, A light industry	
Others	Weight	0.22Kg	0.20KG
	Size	182*29*20mm (L*W*H)	160*29*20(L*W*H)
	packing	324*224*188mm/50pcs	
Notes	1. All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25°Cof ambient temperature. 2. Tolerance:includes set us tolerance, line regulation and load regulation .		

■12V 24V 20W conventional constant voltage driver Mechanical Specification



Input VDE H03VV-F 3G *0.75mm², the green/yellow cable connect with (FG), Brown with AC (L),Blue with AC(N)

Output VDE H03VV-F 2G*0.75mm², red is output (V+) ,Black is output (V-)

Note: Any other requests we can customized.

■ Load derating curve

