

Specifications

Model Spec.		ADP-12V-1A	ADP-12V-2A	ADP-12V-4A
Input	Input voltage	100~240Vac		
	Frequency	50/60Hz		
	Maximum input current	1.0A max.	1.0A max.	1.0A max.
	Inrush current (cold start)	22A/110Vac (44A/220Vac)		
Output	Rated output power	12W	24W	48W
	Output voltage	12V		
	Output current	1A	2A	4A
	Output voltage range	11.8~14.2V(adjustable)		
	Conversion efficiency	80%/110Vac , 81%/220Vac	81%/110Vac 82%/220Vac	81%/110Vac 94%/220Vac
	Output ripple	15mv max.*		30mv max.*
	Output noise	20mv max.*	25mv max.*	40mv max.*
	Hold-up time	>20ms/ 110Vac , >60ms/ 220Vac	>15ms/ 110Vac , >60ms/ 220Vac	>15ms/ 110Vac , >50ms/ 220Vac
	Startup time	35ms/110Vac , 30ms/220Vac	35ms/110Vac , 30ms/220Vac	35ms/110Vac , 30ms/220Vac
Protection	Overload protection	Method	Foldback overload protection, automatically recover when overload is removed	
		Overload	110%~140% rated output power	102%~135% rated output power
	Over voltage protection	Method	Latching overvoltage protection, re-power on to recover	
		overvoltage	16.4V	
Short circuit protection		Overload protection		
Certifications	CE	EMC & LVD		
Environmental	Operating temperature	-20°C~45°C		
	Operating humidity	Non-condensing 20%~90%		
Dimension	W x H x D	60 x 90 x 73 mm Same as ADP-24V-1A.2A	60 x 90 x 73 mm Same as ADP-24V-1A.2A	60 x 90 x 73 mm Same as ADP-24V-1A.2A
Note	Output ripple & noise are measured by a 20MHz bandwidth oscilloscope under the output terminals are connected in parallel with a 0.1uF ceramic & a 47 uF electrolytic capacitors.			

Specifications

Model Spec.		ADP-12V-7.5A	ADP-15V-6A	ADP-24V-5A	
Input	Input voltage	100~240Vac			
	Frequency	50/60Hz			
	Maximum input current	2.5A max.	2.5A max.	2.5A max.	
	Inrush current (cold start)	22A/110Vac (44A/220Vac)			
Output	Rated output power	90W	90W	120W	
	Output voltage	12V	15V	24V	
	Output current	7.5A	6A	5A	
	Output voltage range	11.8~14.2V	14.8~18.2V	24~29.2V	
	Conversion efficiency	84%/110Vac , 87%/220Vac	86%/110Vac 88%/220Vac	87%/110Vac 90%/220Vac	
	Output ripple	20mv max.*	20mv max.*	30mv max.*	
	Output noise	50mv max.*	50mv max.*	120mv max.*	
	Hold-up time	>20ms/ 110Vac , >60ms/ 220Vac	>15ms/ 110Vac , >60ms/ 220Vac	>15ms/ 110Vac , >50ms/ 220Vac	
	Startup time	35ms/110Vac , 30ms/220Vac	35ms/110Vac , 30ms/220Vac	35ms/110Vac , 30ms/220Vac	
Protection	Overload protection	Method	Foldback overload protection, automatically recover when overload is removed		
		Overload	106%~110% rated output power	110%~135% rated output power	105%~110% rated output power
	Over voltage protection	Method	Latching overvoltage protection, re-power on to recover		
		overvoltage	16.4V	20.5V	32.5V
	Short circuit protection		Overload protection		
Certifications	CE	EMC & LVD			
Environmental	Operating temperature	-20°C~45°C			
	Operating humidity	Non-condensing 20%~90%			
Dimension	W x H x D	65.1x115.6x78 mm Same as ADP-24V-4A	65.1x115.6x78 mm Same as ADP-24V-4A	65.1x115.6x78 mm Same as ADP-24V-4A	
Note	Output ripple & noise are measured by a 20MHz bandwidth oscilloscope under the output terminals are connected in parallel with a 0.1uF ceramic & a 47 uF electrolytic capacitors.				