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Your Reliable Power Partner

Standard Switching Power Supply Manufacturer



Features

- Withstand 5G vibration test
- High operating temperature up to 70°C
- Universal AC input (85-264VAC)
- High efficiency , long life and high reliability
- Cooling by free air convection (35W-200W)
- Forced air cooling by Built-in DCfan (350W)
- Withstand 300VAC surge input for 5 seconds
- Protections : Short circuit / Overload / Over voltage
- Compliance to IEC/EN60335-1 (PD3) and IEC/EN61558-1,-2-16 for household appliances
- No load power consumption <0.2W for 35/50W;<0.3W for 75W/100W
<0.5W for 150W;<0.75W for 200W/350W
- LED indicator for power on
- 3 years warranty



LRS Series

MODEL		LRS-35-12	LRS-35-24	LRS-50-12	LRS-50-24
OUTPUT	DC VOLTAGE	12V	24V	12V	24V
	RATED CURRENT	3A	1.5A	4.2A	2.2A
	CURRENT RANGE	0 ~ 3A	0 ~ 1.5A	0 ~ 4.2A	0 ~ 2.2A
	RATED POWER	36W	36W	50.4W	52.8W
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 373VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	AC CURRENT (Typ.)	0.7A/115VAC 0.42A/230VAC		0.95A/115VAC 0.56A/230VAC	
PROTECTION	OVERLOAD	110-150% rated output power			
		Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	13.8 ~ 16.2V	28.8 ~ 33.6V	13.8 ~ 16.2V	28.8 ~ 33.6V
		Protection type : Shut down o/p voltage, re-power on to recover			
OTHERS	DIMENSION	99*82*30mm (L*W*H)			

MODEL		LRS-75-12	LRS-75-24	LRS-100-12	LRS-100-24
OUTPUT	DC VOLTAGE	12V	24V	12V	24V
	RATED CURRENT	6A	3.2A	8.5A	4.5A
	CURRENT RANGE	0 ~ 6A	0 ~ 3.2A	0 ~ 8.5A	0 ~ 4.5A
	RATED POWER	72W	76.8W	102W	108W
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 373VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	AC CURRENT (Typ.)	1.4A/115VAC 0.85A/230VAC		1.9A/115VAC 1.2A/230VAC	
PROTECTION	OVERLOAD	110-150% rated output power			
		Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	13.8 ~ 16.2V	28.8 ~ 33.6V	13.8 ~ 16.2V	28.68 ~ 33.6V
		Protection type : Shut down o/p voltage, re-power on to recover			
OTHERS	DIMENSION	99*97*30mm (L*W*H)		129*97*30mm (L*W*H)	

MODEL		LRS-150-12	LRS-150-24	LRS-200-12	LRS-200-24	LRS-350-12	LRS-350-24
OUTPUT	DC VOLTAGE	12V	24V	12V	24V	12V	24V
	RATED CURRENT	12.5A	6.5A	17A	8.8A	29A	14.6A
	CURRENT RANGE	0 ~ 12.5A	0 ~ 6.5A	0 ~ 17A	0 ~ 8.8A	0 ~ 29A	0 ~ 14.6A
	RATED POWER	150W	156W	204W	211.2W	348W	350.4W
INPUT	VOLTAGE RANGE	85 ~ 132VAC / 170 ~ 264VDC by switch 240 ~ 370VDC switch on 230VAC		90 ~ 132VAC / 180 ~ 264VDC by switch 240 ~ 370VDC switch on 230VAC		90 ~ 132VAC / 180 ~ 264VDC by switch 240 ~ 370VDC switch on 230VAC	
	FREQUENCY RANGE	47 ~ 63Hz					
	AC CURRENT (Typ.)	3A/115VAC 1.7A/230VAC		4A/115VAC 2.2A/230VAC		6.8A/115VAC 3.4A/230VAC	
PROTECTION	OVERLOAD	110-140% rated output power					
		Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	OVER VOLTAGE	13.8 ~ 16.2V	28.8 ~ 33.6V	13.8 ~ 16.2V	28.8 ~ 33.6V	13.8 ~ 16.2V	28.8 ~ 33.6V
		LRS-150 : Shut down o/p voltage, re-power on to recover LRS-200 / LRS-350 : Hiccup mode, recovers automatically after fault condition is removed					
OTHERS	DIMENSION	159*97*30mm (L*W*H)		215*115*30mm (L*W*H)			



Features

- No load power consumption <0.5W
- Withstand 300VAC surge input for 5 seconds
- High operating temperature up to 70°C
- Withstand 5G vibration test
- Cooling by free air convection
- Universal AC input / Full range
- LED indicator for power on
- High efficiency , long life and high reliability
- 3 years warranty
- Protections : Short circuit / Overload / Over voltage /Over temperature

RS Series

MODEL		RS-15-12	RS-15-24	RS-25-12	RS-25-24
OUTPUT	DC VOLTAGE	12V	24V	12V	24V
	RATED CURRENT	1.3A	0.625A	2.1A	1.1A
	CURRENT RANGE	0 ~ 1.3A	0 ~ 0.625A	0 ~ 2.1A	0 ~ 1.1A
	RATED POWER	15.6W	15W	25.2W	26.4W
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 370VDC		88 ~ 264VAC 125 ~ 373VDC	
	FREQUENCY RANGE	47 ~ 63Hz			
	AC CURRENT (Typ.)	0.35A/115VAC 0.25A/230VAC		0.7A/115VAC 0.4A/230VAC	
PROTECTION	OVERLOAD	Above 105% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	13.8 ~ 16.2V	28.4 ~ 32.4V	13.8 ~ 16.2V	27.6 ~ 32.4V
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down Protection type : Shut off o/p voltage, clamping by zener diode			
OTHERS	DIMENSION	62.5*51*28mm (L*W*H)		78*51*28mm (L*W*H)	

APV Series

Features

- Constant voltage mode
- Fully isolated plastic case with IP42 level
- Suitable for LED strip applications
- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Economic , high reliability
- Isolation class II
- 2 years warranty



MODEL		APV-12-12	APV-12-24	APV-16-12	APV-16-24
OUTPUT	DC VOLTAGE	12V	24V	12V	24V
	RATED CURRENT	1A	0.5A	1.25A	0.67A
	CURRENT RANGE	0 ~ 1A	0 ~ 0.5A	0 ~ 1.25A	0 ~ 0.67A
	RATED POWER	12W	12W	15W	16.08W
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	AC CURRENT (Typ.)	0.2A/230VAC 0.35A/115VAC		0.3A/230VAC 0.5A/115VAC	
PROTECTION	OVERLOAD	Above 105% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	13.8 ~ 16V	27.6 ~ 32.4V	13.8 ~ 16V	27.6 ~ 32.4V
		Protection type : Shut off o/p voltage, clamping by zener diode			
OTHERS	DIMENSION	77*40*29mm (L*W*H)			

LPV Series



Features

- Class 2 power unit / pass LPS
- Fully encapsulated with IP67 level
- Input LPV-20 to 100 : 90~264VAC
LPV-150 : 180~305VAC
- Suitable for LED-based decorative/architectural lighting, LED stage,
- Protections : Short circuit / Overload / Over voltage / Over temperature (LPV-150 only)
- 2 years warranty
- Isolation class II
- Constant voltage mode

MODEL		LPV-20-12	LPV-20-24	LPV-35-12	LPV-35-24	LPV-60-12	LPV-60-24
OUTPUT	DC VOLTAGE	12V	24V	12V	24V	12V	24V
	RATED CURRENT	1.67A	0.84A	3A	1.5A	5A	2.5A
	CURRENT RANGE	0 ~ 1.67A	0 ~ 0.84A	0 ~ 3A	0 ~ 1.5A	0 ~ 5A	0 ~ 2.5A
	RATED POWER	20W	20.2W	36W	36W	60W	60W
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC					
	FREQUENCY RANGE	47 ~ 63Hz					
	AC CURRENT (Typ.)	0.55A/115VAC 0.35A/230VAC		1.1A/115VAC 0.7A/230VAC		1.2A/115VAC 1A/230VAC	
PROTECTION	OVERLOAD	110-150% rated output power					
		Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	OVER VOLTAGE	13.8 ~ 16V	28 ~ 32V	13.8 ~ 16.2V	27.6 ~ 32.4V	13.8 ~ 16.2V	27.6 ~ 32.4V
		LPV-20 : Shut off o/p voltage, clamping by zener diode LPV-35 , LPV-60 : Shut down o/p voltage, re-power on to recover					
OTHERS	DIMENSION	118*35*26mm (L*W*H)		148*40*30mm (L*W*H)		162.5*42.5*32mm (L*W*H)	

MODEL		LPV-100-12	LPV-100-24	LPV-150-12	LPV-150-24
OUTPUT	DC VOLTAGE	12V	24V	12V	24V
	RATED CURRENT	8.5A	4.2A	10A	6.3A
	CURRENT RANGE	0 ~ 8.5A	0 ~ 4.2A	0 ~ 10A	0 ~ 6.3A
	RATED POWER	102W	100.8W	120W	151.2W
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC		180 ~ 305VAC 254 ~ 431VDC	
	FREQUENCY RANGE	47 ~ 63Hz			
	AC CURRENT	2.2A/115VAC 1.2A/230VAC		1.7A/230VAC 1.5A/277VAC	
PROTECTION	OVERLOAD	110-150% rated output power			
		Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	13.8 ~ 16.2V	27.6 ~ 32.4V	13.5 ~ 18V	27 ~ 35V
		Protection type : Shut down o/p voltage, re-power on to recover			
OVER TEMPERATURE	LPV-150 : Shut down o/p voltage, recovers automatically after temperature goes down				
OTHERS	DIMENSION	190*52*37mm (L*W*H)		191*63*37.5mm (L*W*H)	

NDR Series



Features

- Universal AC input / Full range
- Protections : Short circuit / Overload / Over voltage / Over temperature
- Built-in active PFC function
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- 3 years warranty

MODEL		NDR-240-24	NDR-240-48
OUTPUT	DC VOLTAGE	24V	48V
	RATED CURRENT	10A	5A
	CURRENT RANGE	0 ~ 10A	0 ~ 5A
	RATED POWER	240W	240W
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC	
	FREQUENCY RANGE	47 ~ 63Hz	
	AC CURRENT (Typ.)	2.5A/115VAC 1.3A/230VAC	
PROTECTION	OVERLOAD	105-130% rated output power	
		Protection type : Constant current limiting, recovers automatically after fault condition is removed	
	OVER VOLTAGE	29 ~ 33V	56 ~ 65V
		Protection type : Shut down o/p voltage, re-power on to recover	
OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down		
OTHERS	DIMENSION	63*125.2*113.5mm (W*H*D)	



- Features
- Universal AC input / Full range
 - Protections : Short circuit / Overload / Over voltage
 - Cooling by free air convection
 - Can be installed on DIN rail TS-35/7.5 or 15
 - Class I, Div 2 Hazardous Locations T4
 - LED indicator for power on
 - DC OK relay contact
 - No load power consumption <0.75W
 - 3 years warranty

MDR Series

MODEL	MDR-40-24		MDR-60-12	MDR-60-24
OUTPUT	DC VOLTAGE	24V	12V	24V
	RATED CURRENT	1.7A	5A	2.5A
	CURRENT RANGE	0 ~ 1.7A	0 ~ 5A	0 ~ 2.5A
	RATED POWER	40.8W	60W	60W
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 370VDC		
	FREQUENCY RANGE	47 ~ 63Hz		
	AC CURRENT (Typ.)	1.1A/115VAC 0.7A/230VAC	1.8A/115VAC 1A/230VAC	
PROTECTION	OVERLOAD	105-150× rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed		
	OVER VOLTAGE	31.2 ~ 36V	15.6 ~ 18V	31.2 ~ 36V
		Protection type : Shut down o/p voltage, re-power on to recover		
OTHERS	DIMENSION	40*90*100mm (W*H*D)		



- Features
- Universal AC input / Full range
 - Built-in active PFC function
 - Protections : Short circuit / Overload / Over voltage / Over temperature
 - Cooling by free air convection
 - Can be installed on DIN rail TS-35/7.5 or 15
 - UL 508 (industrial control equipment) approved
 - EN61000-6-2(EN50082-2) industrial immunity level
 - 2 years warranty

EDR Series

MODEL	EDR-75-12	EDR-75-24	EDR-75-48	EDR-120-12	EDR-120-24	EDR-120-48	
OUTPUT	DC VOLTAGE	12V	24V	48V	12V	24V	48V
	RATED CURRENT	6.3A	3.2A	1.6A	10A	5A	2.5A
	CURRENT RANGE	0 ~ 6.3A	0 ~ 3.2A	0 ~ 1.6A	0 ~ 10A	0 ~ 5A	0 ~ 2.5A
	RATED POWER	75.6W	76.8W	76.8W	120W	120W	120W
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC [DC input operation possible by connecting AC/L(+), AC/N(-)]					
	FREQUENCY RANGE	47 ~ 63Hz					
	AC CURRENT (Typ.)	1.45A/115VAC 0.9A/230VAC	2.25A/115VAC 1.3A/230VAC				
PROTECTION	OVERLOAD	105-130× rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed					
	OVER VOLTAGE	14 ~ 17V	29 ~ 33V	56 ~ 65V	14 ~ 17V	29 ~ 33V	56 ~ 65V
		Protection type : Shut down o/p voltage, re-power on to recover					
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover					
OTHERS	DIMENSION	32*125.2*102mm (W*H*D)			40*125.2*113.5mm (W*H*D)		