



■ Features:

- Universal AC input with active PFC
- Installed on DIN rail TS35 / 7.5 or 15
- Protections : Short circuit / Over load / Over voltage / Over Temperature
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- True DC OK relay contact
- Withstand 5G vibration test
- High efficiency , long life and high reliability
- UL508 (Industrial control equipment) listed
- UL1310 Class 2 Power unit / LPS pass
- 3 years warranty

Model	DN-10	DN-20	DN-40	DN-60	DN-100
DC Voltage Adj. Range	±10%				
AC Voltage Range	88 ~ 264VAC 124 ~ 370VDC				
AC Inrush Current (Typ.)	30A/115VAC 60A/230VAC				
Over Load	>105% rated output power				
	Protection type : constant current limiting , automatically after fault condition is removed				
Over Voltage	115%~150% rated output voltage				
	Protection type : latch-off mode				
Working Temp.	-20 ~ +70°C (Refer to output load de-rating curve)				
Vibration	10 ~ 500Hz, 5G 0.5Oct/min, period for 60min. Each along X,Y,Z axes				
Withstand Voltage	I/P - O/P: 4242 DC, I/P - FG:2121 DC 1 minute				
EMC & Safety Standards	UL 508, TUV EN60950-1,UL1310 NEC class 2 compliant				UL 508, TUV EN60950-1,UL1310 NEC class 2 compliant (24V / 48V Only)
	EN55022 : 2006(Class B), EN61204-3: 2000, EN61000-6-3: 2007				
	EN61000-3-2,3 :2006				
	EN55024, EN61204-3: 2000, EN61000-6-1: 2007 (EN61000-4-2,3,4,5,6,8,11)				
Packing	23*90*99mm		40*90*99mm		55*90*99mm
	0.18Kg	0.20Kg	0.28Kg	0.3Kg	0.4Kg

*Note:The specifications are subject to change without notice.

Model		DN-10-12	DN-10-15	DN-10-24
Output	DC Voltage Range	12V	15V	24V
	Rated Current	0.84A	0.67A	0.42A
	Rated Power	10.08W	10.05W	10.08W
	Ripple & Noise (max.)	100mVp-p	100mVp-p	120mVp-p
Input	Efficiency (Typ.)	83%	85%	86%

Model		DN-20-12	DN-20-15	DN-20-24
Output	DC Voltage Range	12V	15V	24V
	Rated Current	1.7A	1.4A	1A
	Rated Power	20.4W	21W	24W
	Ripple & Noise (max.)	100mVp-p	100mVp-p	120mVp-p
Input	Efficiency (Typ.)	83%	85%	86%

Model		DN-40-12	DN-40-15	DN-40-24	DN-40-48
Output	DC Voltage Range	12V	15V	24V	48V
	Rated Current	3.4A	2.7A	1.7A	0.85A
	Rated Power	40.8W	40.5W	40.8W	40.8W
	Ripple & Noise (max.)	100mVp-p	100mVp-p	120mVp-p	180mVp-p
Input	Efficiency (Typ.)	85%	85%	86%	83%

Model		DN-60-12	DN-60-15	DN-60-24	DN-60-48
Output	DC Voltage Range	12V	15V	24V	48V
	Rated Current	5A	4A	2.5A	1.25A
	Rated Power	60W	60W	60W	60W
	Ripple & Noise (max.)	100mVp-p	100mVp-p	120mVp-p	180mVp-p
Input	Efficiency (Typ.)	86%	87%	87%	88%

Model		DN-100-12	DN-100-15	DN-100-24	DN-100-48
Output	DC Voltage Range	12V	15V	24V	48V
	Rated Current	7.5A	6.4A	4A	2A
	Rated Power	90W	96W	96W	96W
	Ripple & Noise (max.)	180mVp-p	180mVp-p	180mVp-p	250mVp-p
Input	Efficiency (Typ.)	87%	87%	88%	87%

■ Mechanical Specification

	10W	20W	40W	60W	100W
A	23mm	23mm	40mm	40mm	55mm
B	5mm	5mm	7.5mm	7.5mm	7.5mm

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