



Features:

- Universal AC input range(85~264Vac)
- Support 1+1 or N+1 redundant system (suggest to use redundancy modules.)
- Built-in active PFC,PF>0.95
- High efficiency up to 91%
- Built-in current sharing function
- Built-in current limiting circuit
- Output protections: OVP/OLP/SCP/OTP
- Wide operating ambient temp (-25°C~70°C)
- 150% peak load capacity
- Easy Fuse Tripping due to High Overload Current
- Excellent Partial Load Efficiency
- Built-in DC OK relay contact
- Can be installed on TS-35/7.5 or TS-35/15
- 100% full load burn-in test
- Suitable for critical applications
- Ultra-slim,32mm width
- 3 years warranty

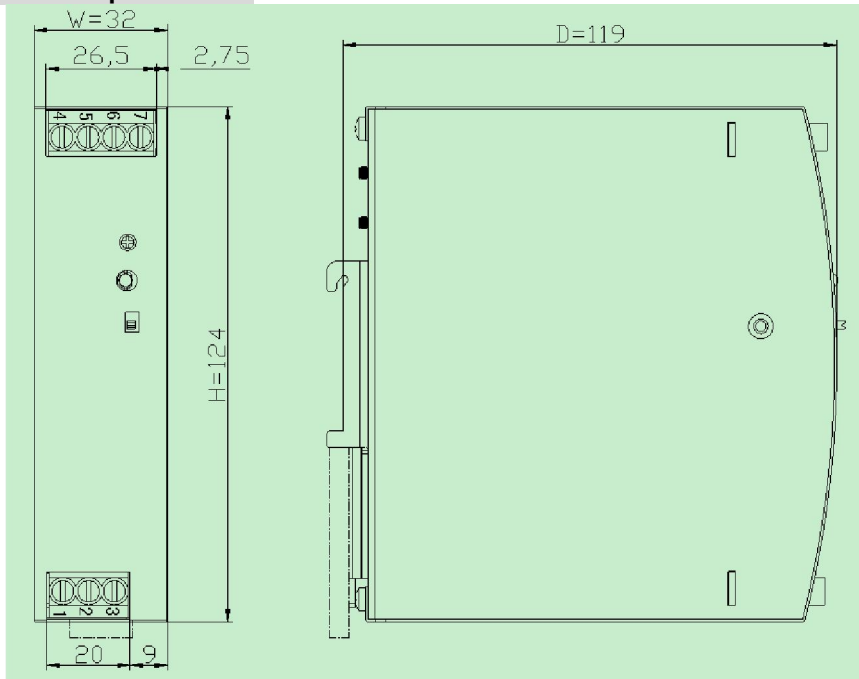


SPECIFICATION

MODEL		DG-75-12	DG-75-24	
OUTPUT	DC Output	12V	24V	
	Rated Current	6.3A	3.2A	
	Current Range Note 1	0~6.3A	0~3.2A	
	Ripple and Noise Note 2	0~70°C	≤100mV	≤120mV
		-25°C	≤200mV	≤240mV
	Voltage ADJ. Range	12~14V	24~28V	
	Voltage Accuracy	±1.0%		
	Line Regulation	±0.5%		
	Load Regulation	±1.0%		
	Set-up Time	<250mS@230Vac ; <500mS@100Vac		
	Hold up Time	≥20mS(230Vac input, Full load)		
Temperature Coefficient	±0.03%/°C			
INPUT	Voltage Range	85Vac~264Vac		
	Frequency Range	47Hz~63Hz		
	Power Factor (typical)	0.99/100Vac 0.95/230Vac		
	Efficiency (Typical)	88%	91%	
	AC Current (max.)	<0.95 A/100Vac <0.45A/230Vac		
	Inrush Current (Typical)	<30A/100Vac <60A/230Vac Cold start		
Leakage Current	Input—output:<0.25mA Input—PG:<3.5mA			
PROTECTION	Over Load	110%~150% of rated current, Constant power limiting for some time(150% of rated current, last 3S) then PS stop working for 7S,after 7S,if the load ≤rated current, PS will work normally, auto recovery		
	Over voltage	15~18V	29~33V	
		Protection type: Hiccup mode, Auto recovery		
	Over temperature	100±5°C, detect on heat sink of power transistor; shut down O/P, auto recovery after temperature goes down.		
Short Circuit	Long-term mode, auto recovery			
ENVIRONMENT	Operating amb. Temp. & Hum.	-25°C~70°C; 20%~90%RH No condensing		
	Storage Temp. & Hum.	-40°C~85°C; 5%~95%RH No condensing		
SAFETY & EMC Note 3	Safety Standards	meet UL508, UL60950, EN60950-1		
	Withstand Voltage	Primary-Secondary:3.0KVac; ≤10mA .Primary-PG:2.5KVac; ≤10mA. Secondary-PG:0.5KVac≤10mA.		
	Isolation Resistance	≥100M ohms		
	EMC Emission	Compliance to EN55022, EN55024, FCC PART 15 Class B		

	Harmonic Current	Compliance to EN61000-3-2, CLASS A
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level
OTHERS	MTBF (MIL-HDBK-217F)	More than 300,000Hrs (25°C, Full load)
	Dimension (W*H*D)	32*124*119mm
	Packing	28pcs/CTN,21.2Kg, 0.04cbm
	Cooling method	Cooling by free air convection
Additional function	Power boost	150% of rated current
	Parallel function	support
NOTE	All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF parallel capacitor. 3. The SPS is considered a component which will be installed into final equipment. We cannot guarantee that the final equipment will meet EMC directives, Final product manufactures must be re-confirm that their product meets EMC directives.	

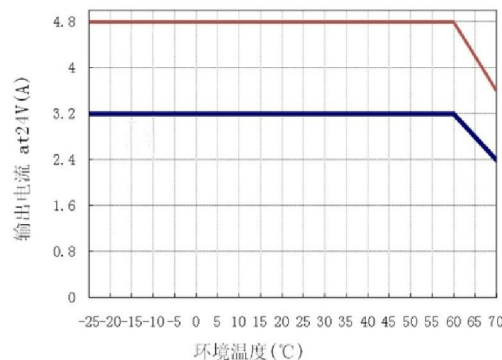
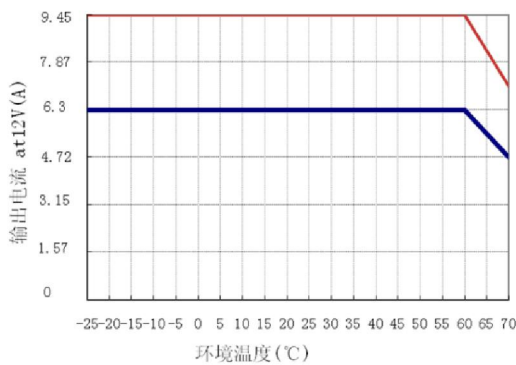
Mechanical Specification Unit: mm



Derating Curve

DG-75-12

DG-75-24



short time working;
 continual working.