

DRF120-24-1

SPECIFICATIONS

PA618-01-01C

ITEMS	MODEL	DRF120-24-1
1	Nominal Output Voltage	V
2	Maximum Output Current	A
3	Peak Output Current	(*12) A
4	Maximum Output Power	W
5	Peak Output Power	(*12) W
6	Standby Input Power (230VAC)	(*13) W
7	Efficiency (Typ) (115/230VAC)	(*1) %
8	Average Active Efficiency Related to ErP (Typ) (230VAC)	%
9	Input Voltage Range	(*2) V
10	Input Current (Typ) (115/230VAC)	(*1) A
11	Inrush Current (Typ) (230VAC)	(*3) A
12	PFHC	-
13	Power Factor (Typ) (115/230VAC)	(*1) -
14	Output Voltage Range	V
15	Ripple & Noise	(*1,4) mV
16	Line Regulation	(*5,6) mV
17	Load Regulation	(*5,7) mV
18	Temperature Coefficient	-
19	Over Current Protection	(*8) -
20	Over Voltage Protection	(*9) V
21	Hold-up Time (Typ)	(*1) ms
22	Leakage Current	(*10) -
23	Remote Sensing	-
24	Remote ON/OFF control	-
25	Monitoring Signal	-
26	Series Operation	-
27	Parallel Operation	-
28	Operating Temperature	(*11,15) -
29	Operating Humidity	-
30	Storage Temperature	-
32	Storage Humidity	-
32	Cooling	-
33	Withstand Voltage	-
34	Isolation Resistance	-
35	Vibration	-
36	Shock/(In Package)	-
37	Operating Altitude	-
38	Safety	-
39	EMI	-
40	CE	-
41	Immunity	-
42	Weight(Typ.)	g
43	Size (L x W x H)	mm

* Read instruction manual carefully, before using the power supply unit.

=NOTES=


- *1. At Maximum Output Power, nominal input voltage, Ta = 25°C.
- *2. For cases where conformance to various safety specs (UL, CSA, EN) are required, to be described as 100 - 240VAC, 50 / 60Hz on name plate.
- *3. Not applicable for the in-rush current to Noise Filter for less than 0.2ms.
- *4. Ripple & noise are measured at 20MHz by using a 300mm twisted pair of load wires terminated with a 0.1uF Film Capacitor and a 47uF Electrolytic Capacitor.
- *5. Measure line & load regulation at output terminal.
- *6. 85 - 264VAC, constant load.
- *7. No load - Full load, constant input voltage.
- *8. Constant current limit with auto recovery. Over rated current (>105%) condition for more than 4 sec will cause power supply to shutdown.
- *9. OVP circuit will shutdown output, manual reset (CNT reset or Re-power on).
- *10. Measured by each measuring method of UL and EN (at 60Hz), Ta = 25°C.
- *11. Refer to Output Derating Curve (PA618-01-02_) for details of output derating versus ambient temperature.
- *12. Operating period at peak output current is 4sec. max, duty ≤ 0.35, <5Arms Current.
- *13. Standby input power refers to the power consumption during remote off.
- *14. All parameters not specifically mentioned are measured at 230VAC input, rated load and Ta = 25°C.
- *15. For cases where conformance to various safety specs, operating temperature is -25 ~ +70°C.

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PA618-01-02

DERATING CURVE

***COOLING : CONVECTION COOLING**

Ta (°C)	LOAD (%)	STANDARD MOUNTING
-25 ~ +60	100	
70	75	

