

120W Single Output DIN Rail - with PFC



- Universal AC input / full range
- PF>0.98@115VAC; >0.93@230VAC
- Installed on DIN rail TS35/ 7.5 or 15
- OCP indication
- High reliability, compact design
- Protections: over current/ over voltage/ over temperature/ short circuit
- 2 years warranty
- F612DRL 50 x 116 x 120.2(mm)

AC input voltage range	85~264VAC(120~370VDC)
Input frequency	47~63Hz
Inrush current	cold start, 20A/115V, 40A/230V
Input leakage current	< 0.7mA/ 230VAC
Line regulation (full load)	≤ ± 0.5%
Output voltage adjust range	± 10%
Output over current protection	110~130%, delay shutdown
Output over voltage protection	115~150%
Withstand voltage	I/P -O/P: 3.0KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Rise time	50ms@full load (typical)
Hold up time	20ms@full load (typical)
Operating temp. & humidity	-10°C~+50°C, 20%~93%RH (non condensing)
Storage temp. & humidity	-20°C~+85°C, 20%~95%RH (non condensing)
Safety standards	meet UL508, UL60950, EN60950
EMC standards	meet EN55022 classB, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection
Connection	3P/ 7.5mm pitch 4P/ 5.0mm pitch, terminal block

Model	DC Output		Load regul.	R&N	Efficiency
HF120W-SDR-12	12V	10.0A	0.5%	100mV	80%
HF120W-SDR-24	24V	5.0A	0.5%	120mV	84%
HF120W-SDR-48	48V	2.5A	0.5%	150mV	85%

Drawing

