

# 120W Single Output DIN Rail - with PFC



- Universal AC input / full range
- PF>0.98@115VAC; >0.94@230VAC
- Installed on DIN rail TS35/ 7.5 or 15
- OCP indication
- High reliability, compact design
- Protections: overload/ over voltage/ over temperature/ short circuit
- 5 years limited warranty
- F612DR 50 × 107 × 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 .....	< 1mA/ 230VAC
Line regulation (full load) .....	≤ ± 0.5%
Output voltage adjust range .....	± 10%
Output overload protection .....	105~130%, delay shutdown, re-power on to recover
Output over voltage protection .....	115~150%, shut off, re-power on to recover
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 temperature .....	-20°C~+50°C
Safety standards .....	UL508, UL60950, EN60950
EMC standards .....	EN55022 class B, EN55024 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, plug-in terminal block
Weight .....	0.64kg/pcs

Model	DC Output		Load regul.	R&N	Efficiency
HF120W-SDR-12	12V	10.0A	0.5%	120mV	84%
HF120W-SDR-24	24V	5.0A	0.5%	150mV	85%
HF120W-SDR-48	48V	2.5A	0.5%	150mV	87%

## Drawing

