

# HDR-150 Series 150W Slim Step Shaped DIN Rail



## Power Supply Features

- **Compact size 6SU width (1SU = 18mm)**
- Universal AC input / Full range (277VAC operational)
- Protection: Short circuit / Overload / Over voltage
- Built-in constant current limiting circuit
- No load power consumption <0.3W
- **Class 2 power unit**
- Installed on DIN rail TS35 / 7.5 or 15
- Cooling by free air convection (-30~+70°C operation)
- Isolation class II, Over Voltage Category III
- LED indicator for power on
- **3 year warranty**



## General Specifications (Please refer to [www.procontechology.com.au](http://www.procontechology.com.au) for detailed specs)



<b>Model No.</b>	<b>HDR-150</b>	
<b>AC input voltage range</b>	85~264VAC (277VAC operational); 120~370VDC (390VDC operational)	
<b>AC inrush current (max.)</b>	Cold start, 70A at 230VAC	
<b>DC adjustment range</b>	12V: 10.8~13.8V 15V: 13.8~18V 24V: 21.6~29V 48V: 43.2~55.2V	
<b>Overload protection</b>	<b>Range</b>	105~135%
	<b>Type</b>	constant current limiting for 50~100% rated output voltage, hiccup mode on short-circuit, auto-recovery
<b>Over voltage protection</b>	<b>Range</b>	115~150% rated output voltage
	<b>Type</b>	Shut down, re-power on to rec over
<b>Withstand voltage</b>	I/P-O/P: 4kVAC, Over Voltage Category (OVC) III, according to EN61558, EN50178, EN60664-1, EN62477-1; altitude up to 2000m	
<b>Working temperature</b>	-30°C ~ +70°C (refer to output load derating curve)	
<b>Vibration</b>	10~500Hz, 2G 10min./ 1 cycle, period for 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6	
<b>Safety standards</b>	UL60950-1, UL508, TUV EN61558-2-16, IEC60950-1, EAC TP TC 004, BSMI CNS14336-1 approved; Design refer to TUV EN60950-1	
<b>EMC standards</b>	EN55032(CISPR32) class B, EN61000-3-2,3, EN55024, EN55035, EN61000-6-2, EN61204-3, EN61000-4-2,3,4,5,6,8,11	
<b>Connection</b>	I/P: 2 pole, O/P: 4 pole screw DIN terminal	
<b>Dimensions (WxHxD)</b>	105(6SU)x90x55mm	
<b>Weight</b>	0.31kg	



### Energy Saving —

We care about saving energy. This logo indicates that the model has "low no-load power consumption"

150W		HDR-150		
Model No.	Output	Tol.	R&N	Eff.
HDR-150-12	12V, 0~11.3A*	±2%	100mV	89.0%
HDR-150-15	15V, 0~9.5A*	±1%	120mV	89.5%
HDR-150-24	24V, 0~6.25A*	±1%	150mV	90.5%
HDR-150-48	48V, 0~3.2A*	±1%	200mV	90.5%

\*derate current output when operating from 115VAC (see data sheet)



The HDR-150 series power supply fits DIN standard surface covers, metering enclosures and switchboards