



Features

- Isolation Class II
- Universal AC input / Full range (277VAC operational)
- No load power consumption < 0.3W
- Compact size with 4SU~6SU width
- Class 2 power unit / Pass LPS (HDR-100 only)
- Over voltage category III
- Protections: Short circuit / Overload / Over voltage
- Can be installed on DIN rail TS-35 / 7.5 or 15
- Cooling by free air convection
- DC output voltage adjustable
- LED indicator for power on
- Suitable for building automation and control of household appliance

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	HDR-100 □		HDR-150
AC input voltage range	85~264VAC (277VAC operational); 120~370VDC (390VDC operational)		
AC inrush current (max.)	Cold start, 70A at 230VAC		
DC adjustment range	HDR-100 12V: 12~13V, 15V: 15~17V, 24V: 24~25.5V, 48V: 48~48.7V HDR-100-N 12V: 12~13.8V, 15V: 13.8~18V, 24V: 21.6~29V, 48V: 43.2~55.2V		12V: 10.8~13.8V 15V: 13.8~18V 24V: 21.6~29V 48V: 43.2~55.2V
	Overload protection	Range: HDR-100: 102%~110%; HDR-100-xxN: 105%~150% Type: constant current limiting, auto-recovery	105%~180%
Over voltage protection	Range	125%~155% rated output voltage	
	Type	Shut down, re-power on to recover	
Withstand voltage	I/P-O/P: 3kVAC		
Working temperature	-30~+70°C (refer to output load derating curve)		
Vibration	10~500Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes		
Safety standards	UL62368-1, UL508, TUV EN61558-2-16, IEC62368-1, BSMI CNS14336, AS/NZS60950.1 approved		
EMC standards	EN55032 class B, EN61000-3-2,3, EN61000-6-2, EN61000-4-2,3,4,5,6,8,11, CNS13438, EN61204-3		
Connection	I/P: 2 poles, O/P: 4 poles screw DIN terminal		
Dimension (WxHxD)(mm)	70x 90x 54.5		105x 90x 54.5
Packing	48pcs / 14kg		

100W NEW HDR-100

Model No.	Output	Tol.	R&N	Effi.
HDR-100-12	12V, 0~7.1A	±2%	120mV	88%
HDR-100-12N	12V, 0~7.5A	±2%	120mV	88%
HDR-100-15	15V, 0~6.13A	±1%	120mV	89%
HDR-100-15N	15V, 0~6.5A	±1%	120mV	89%
HDR-100-24	24V, 0~3.83A	±1%	150mV	90%
HDR-100-24N	24V, 0~4.2A	±1%	150mV	90%
HDR-100-48	48V, 0~1.92A	±1%	240mV	90%
HDR-100-48N	48V, 0~2.1A	±1%	240mV	90%

150W NEW HDR-150

Model No.	Output	Tol.	R&N	Effi.
HDR-150-12	12V, 0~12.5A	±2%	120mV	88%
HDR-150-15	15V, 0~10A	±1%	120mV	89%
HDR-150-24	24V, 0~6.25A	±1%	150mV	90%
HDR-150-48	48V, 0~3.2A	±1%	240mV	90%

HDR-100: 92W max., pass LPS
 HDR-100-xxN: 100W max., non-LPS with a wide output adjustable range



Customer Satisfaction

Today's effort, tomorrow's reward. Continuously improve CQTS to satisfy customer is our goal.