

80 PLUS Verification and Testing Report

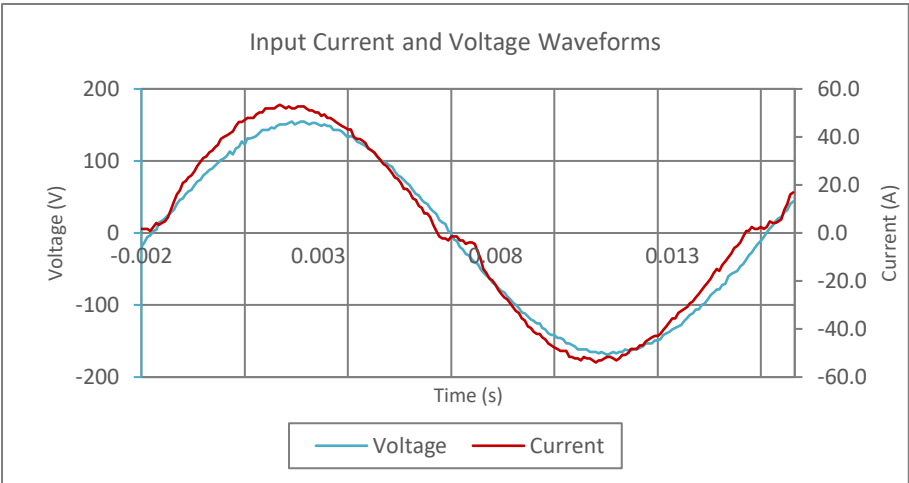
TYPICAL EFFICIENCY (50% Load):	91.14%
AVERAGE EFFICIENCY :	89.71%
80 PLUS COMPLIANT:	YES



ID Number	5955.1
Manufacturer	Ntech
Model Number	HYDRA RX750
Serial Number	N/A
Year	2020
Type	EPS12V
Test Date	5/7/20

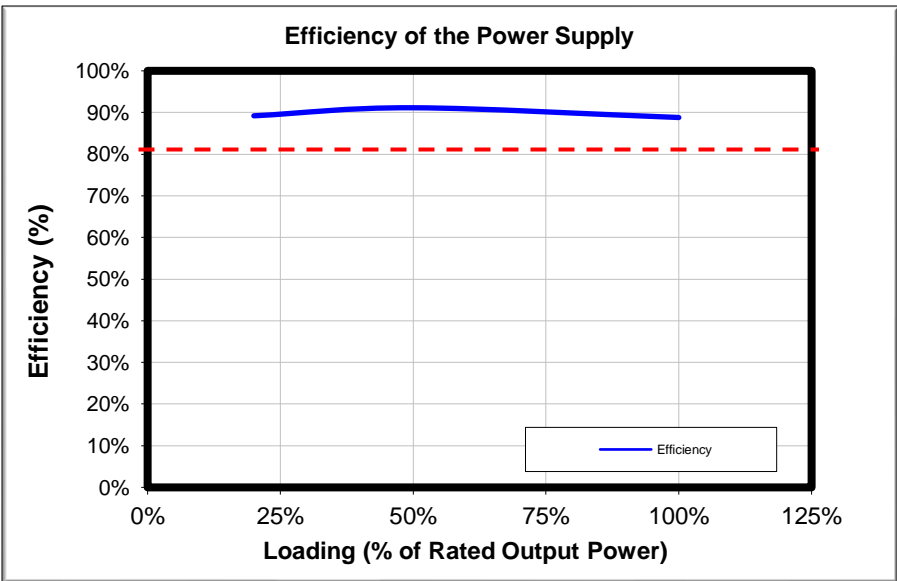
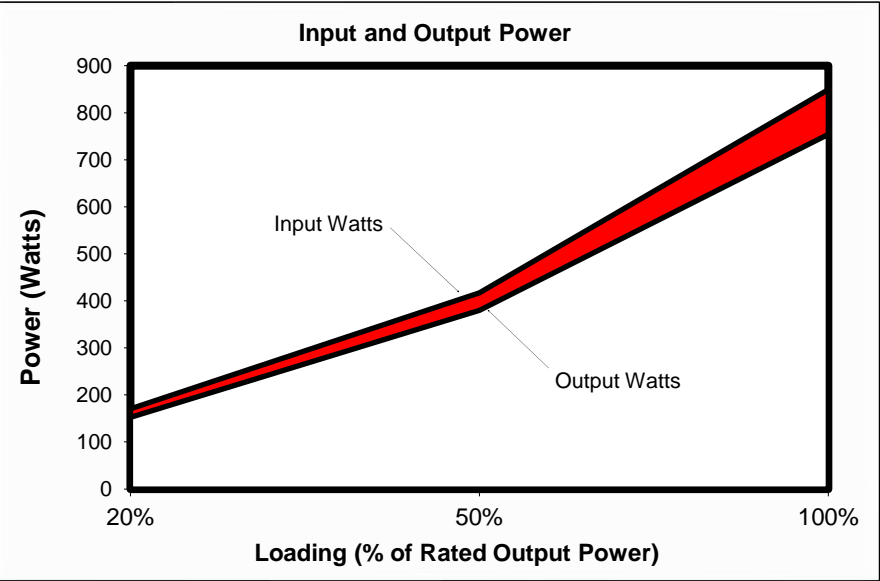
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 7.22%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.81	0.98	9.15%	10%	90.56	12.18/5.37	11.82/0.04	3.37/1.07	5/1.07	5.09/0.26	76.10	84.04%
1.51	0.99	11.72%	20%	171.09	12.17/10.77	11.81/0.09	3.36/2.14	4.99/2.13	5.08/0.52	152.61	89.20%
3.65	0.99	7.22%	50%	416.70	12.13/26.9	11.87/0.22	3.33/5.36	4.97/5.31	5.04/1.3	379.77	91.14%
7.40	1.00	3.91%	100%	849.10	12.06/53.77	12.03/0.43	3.26/10.73	4.92/10.62	4.98/2.59	753.99	88.80%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>