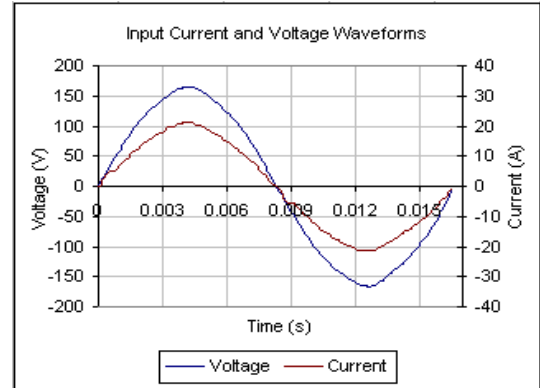


Internal Power Supply Efficiency Test Report

TYPICAL EFFICIENCY (50% Load):	87.11%
AVERAGE EFFICIENCY :	84.86%

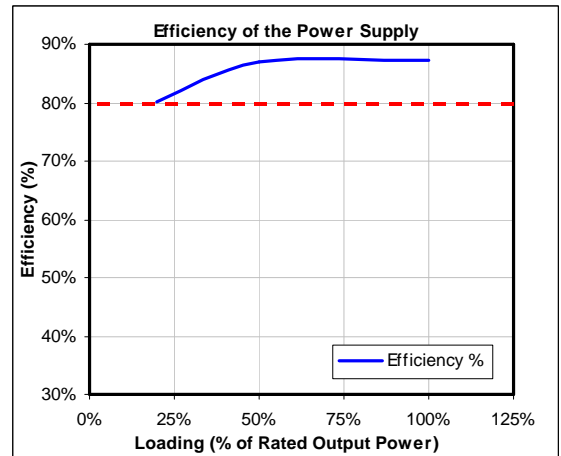
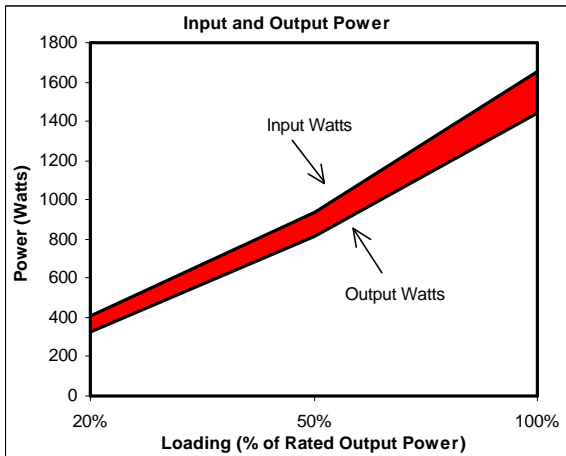
Manufacturer	C&D Technologies
Model Number	D1U-W-1200-12-HC2
Serial Number	N/A
Year	2005
Type	1U
Test Date	6/20/2005



Rated Specifications	Value	Units
Input Voltage	90 - 240	Volts
Input Current	N/A	Amps
Input Frequency	50/60	Hz
Rated Output Power	1600	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
						12V1	3.3V		
3.56	0.99	26.3%	20%	Light	407	12.2/26.3	3.3/1.2	326	80.2%
8.11	1.00	8.4%	50%	Typical	933	12.2/65.8	3.3/3.0	812	87.1%
14.47	1.00	4.5%	100%	Full	1656	12.1/118.0	3.2/4.5	1445	87.3%



This internal power supply has been independently tested for efficiency and power quality by EPRI Solutions Inc., Knoxville, TN.