

# Plasma Block® Current/Power Measurement Table

8/15/17



Product	Rated Watts	Mains Voltage	I_ac amps	LINK Choke I_ac amps (1)
10g	125	120	1.10	N/A
10g	125	240	.55	N/A
20g	250	120	2.10	N/A
20g	250	240	1.05	N/A
30g	250	120	3.00	N/A
30g	250	240	2.30	N/A
50g	440	120	5.20	N/A
50g	440	240	3.50	N/A
60g	500	120	5.70	N/A
60g	500	240	4.30	N/A
70g	700	120	8.3	N/A
70g	700	240 1ph	5.75	N/A
120g	1000	240 1ph	8.20	4.40
120g	1000	240 3ph	4.80	2.50
140g	1400	240 1ph	10.2	N/A
150g	1200	240 1 ph (2)	9.60	5.20
150g	1200	240 3ph	4.80	3.00
300g	2400	240 3ph	9.60	6.00
450g	3600	240 3ph	N/R	9.20
QuadBlock (3)	2400	330 D.C.	N/R	6.00

**Notes:**

- (1) Link choke is wired between the rectifier D.C. output and the input to the filter caps.
- (2) Single phase operation will shorten filter capacitor life. Avoid if possible.
- (3) QuadBlock AC current is measured at the mains to the rectifier.

**General Notes:**

1. When using a clamp on current meter, position the clamp away from any other wires or interference. Magnetic components including fans cause reading errors if close to the current clamp.
2. The higher currents without a link choke are due to the 0.6 power factor. Using a link choke improves the power factor to 0.95 and extends filter capacitor life.
3. Currents are average and will vary slightly from listed values. Use as a reference guide.

**Values reflect normal running conditions, Not Maximums.**