

Motion Labs Power Distros are rated for use in the U.S. at our national standard 120/208v Y 3Ø power. When metering any one phase to Neutral or Ground you come up with around 115v (also know as 110v, 120v or 125v).

When metering any one phase to another (from X to Y for instance) you come up with around 208v (also know as 220v, 230v or 240v).

An alternative to the U.S. power grid, such as used in Europe, utilizes 220v / 400v Y 3Ø. When metering any one phase to Neutral or Ground you come up with around 210v (also know as 220v).

When metering any one phase to another (from X to Y for instance) you come up with around 400v (also know as 410v or 420v).

A further note, all numbers regarding voltage (110V, 125V, 220V, etc) are nominal and can vary quite a bit from actual readings. "This is for reference only and one should consult local and national electric codes when working with electricity."

		Wiring Configuration	Amperage	NEMA Ref. #	HUBBELL TWIST-LOCK NUMBER			
					Inlet	Receptacle	Plug	Connector
2 Pole / 3 Wire	Single Phase 125V AC	<b>X + N + G</b> (Hot + Neutral + Ground)	15A	L5-15	4716C	4715C	4720C	4729C
			20A	L5-20	2315	2316	2311	2313
			30A	L5-30	2615	2616	2611	2613
	Single Phase 250V AC	<b>X + Y + G</b> (2xHots + Ground)	15A	L6-15	4586C	4585C	4570C	4579C
			20A	L6-20	2325	2326	2321	2323
			30A	L6-30	2625	2620	2621	2623
3 Pole / 4 Wire	Single Phase 125/250V AC	<b>X + Y + N + G</b> (2xHots + Neutral + Ground)	20A	L14-20	2415	2416	2411	2413
			30A	L14-30	2715	2716	2711	2713
			50A	X	CS6375FI	CS6369	CS6365C	CS6364C
	Three Phase 250V AC	<b>X + Y + Z + G</b> (3xHots + Ground)	20A	L15-20	2425	2526	2421	2423
			30A	L15-30	2725	2726	2721	2723
			50A	X	CS8375FI	CS8369	CS8365C	CS8364C
	Three Phase 480V AC	<b>X + Y + Z + G</b> (3xHots + Ground)	20A	L16-20	2435	2436	2431	2433
			30A	L16-30	2735	2736	2731	2733
			50A	X	CS8175FI	CS8169	CS8165C	CS8164C
4 Pole / 5 Wire	Three Phase 120/208V AC	<b>X + Y + Z + N + G</b> (3xHots + Neutral + Ground)	20A	L21-20	2515	2516	2511	2513
			30A	L21-30	2815	2816	2811	2813