

Average Watts Table

Appliance / Power Tool	Average Running Watts	Average Starting Watts	Appliance / Power Tool	Average Running Watts	Average Starting Watts
Air Conditioner (reverse cycle)			Iron	900-1200	0
▪ Small – 1 HP	2000	3000	Kettle	1200-2400	0
▪ Medium – 2 HP	4000	6000	Lighting		
▪ Large – 3 HP	6000	8500	▪ Fluorescent	40	0
Air Cooler (evaporative)	150-800	0	▪ Compact Fluorescent	9-15	0
Angle Grinder (100mm)	1200-1800	4000	▪ incandescent	40-100	0
Angle Grinder (230mm)	2400	8000	▪ Halogen	250-400	0
Bricksaw	2400-5000	0	▪ Floodlights – small	250	0
Clock Radio	60	0	▪ Floodlights – large	500-1500	0
Clothes Drier	2400	0	▪ LED	10	0
Coffee Machine	600-2400	0	Microwave	1300	0
Computer	150-300	0	Oven		0
Concrete Mixer	1200-2400	4000	▪ Mini	800	0
Dishwasher	2400	0	▪ Conventional	2400	0
Drill – Hammer	650-1400	3000	▪ Fan Forced	1800	0
Drill – Power	450-800	2000	Radio	60	0
Fan			Range		0
▪ Exhaust	40	0	▪ Small hotplates	1000	0
▪ Ceiling	100	0	▪ Large hotplates	2000	0
Food Blender	450	1400	▪ Cooktop – Ceramic	1000-2000	0
Food Processor	450	1400	▪ Cooktop – Electric Solid	2000-4800	0
Freezer (4 star rating)	150-300	0	Refrigerator (4 star rating)	150-650	1350
Frypan – electric	1350	0	Sewing machine	75	0
Hairdryer	1200-1600	0	Shaver	15	0
Hand Saw	2400	0	Stereo	100	0
Heater			Television	75-300	0
▪ Oil filled column	1000-2400	0	Toaster	600-1250	0
▪ Radiators / portable fan	600-2400	0	Vacuum Cleaner	1000-2400	0
▪ Space	3600-7000	0	Washing Machine	500-2400	0
Hot Water Service	2400-4800	0	Welder* (240V/140 Amp)	Min 6000	6500

* To power welders, we recommend a minimum size set of 6.0kW for general field use.