

Appliance	Rated power (watts)	Rated kVA (To operate appliance)	Rated kVA (To start appliance)
Air conditioner (evaporative model)	275–1,000	0.34–1.25	1.36–5
Air conditioner (reverse cycle)	200–2,500	0.25–3.13	1–12.5
Clothes dryer	2,400	3	3.00
Coffee percolator	550	0.69	0.69
Deep freezer	500	0.63	2.52
Dishwasher	1,000–3,000	1.25–3.75	1.25–3.75
Domestic water pumps	275–1,000	0.34–1.25	1.36–5
Exhaust fan	40	0.05	0.20
Floor polisher	350	0.44	1.76
Hair dryer	1,500	1.88	1.88
Hot water service	2,500–3,000	3.13–3.75	3.13–3.75
Iron	800–1,500	1–1.88	1–1.88
Kettle or jug	1,600–3,000	2–3.75	2–3.75
Laptop	60	0.4–0.6	0.5
Lights	25–200	0.03–0.25	0.03–0.25
Microwave	1,500	1.88	1.88
Oven	4,000–8,000	5–10	5–10
Printer	30–50	0.2	0.2
Projector	300	0.28	0.33
Radio	60	0.08	0.08
Radiator	1,000–2,500	1.25–3.13	1.15–3.13
Refrigerator	300	0.38	1.52
Sewing machine	60	0.08	0.32
Space heater	2,000	2–5	2.50
Television	75–200	0.09–0.25	0.09–0.25
Toaster	250–1,250	0.3–1.56	0.3–1.56
Washing machine	500–3,000	0.63–3.75	2.52–15
Welder (140A)	5,000	6.25	8