

PRACTICAL EXAMPLE AND REQUIRED POWER

Load	Nominal Power (W)	Starting coefficient	Needed Power (W)
HOME - OFFICE			
Heater	2000	1,2	2400
Air conditioning	2000	3	6000
Fridge / Freezer	500	3	1500
Microwave oven	600	2,5	1500
Electric hob	2000	1	2000
Dough mixer	1000	3,5	3500
Cutter / Mixer / robot	1000	2,5	2500
Vacuum cleaner	1000	2	2000
Computer	250	2	500
Plasma TV	300	3	900
Boiler	300	2	600
Printers	150	1	150
Photocopier	1600	1,1	1760
UPS	500	1,5	750
GARDENING			
Lawn mower	1100	2,2	2420
Brush cutter	350	3	1050
Hedge trimmer	700	2,5	1750
Leaf blower/ leaf vacuum	2000	1,25	2500
Chainsaw	2000	2	4000
Pressure washer	2500	3,5	8750
PROFESSIONAL			
Compressor	2000	3	6000
Band saw	400	2,5	1000
Concrete mixer	800	3,5	2800
Belt vibrating sander	1000	2,5	2500
Plastering machine	2200	3,5	7700
Pneumatic drill	1200	1,2	1440
Grinder	1400	3	4200
Circular saw	1800	2,5	4500
Demolition hammer	1200	3,5	4200
Submersible pump	500	3,5	1750
Inverter	1500	2,5	3750
Mixer	1400	3,5	4900
Transformer welding machine	2000	2,5	5000
Inverter welding machine	4000	2	8000
LIGHTING			
Halogen lamps	500	1	500
Neon	60	2	120
Incandescence light bulbs	100	1	100
Metal halide lamps	500	2	1000
Led lamp	500	1	500