

| Model | Appliance example | Load range required (Watts) | Surge (Watts) | Notes |
|--------------------|----------------------------|-----------------------------|---------------|--|
| All models | Wi-Fi Router | 5 – 15 | N/A | |
| | Phone Charger | 5 – 25 | N/A | |
| | Laptop | 30 – 90 | 90 – 120 | |
| | LCD TV (32–55") | 60 – 150 | 200 | Higher for larger or 4K models |
| | Fridge (Under Counter) | 60 – 100 | 300 – 600 | Compressor start-up causes a spike |
| | Fridge-Freezer (Full Size) | 100 – 250 | 800 – 1200 | Higher spikes on older models |
| | Desktop Computer | 100 – 400 | 500W | Gaming PCs spike higher |
| | Ebike Charger | 420 | N/A | |
| PEAK 2.2 | Microwave Oven (800–1200W) | 800 – 1200 | 1200 – 1500 | Usually more power draw than shown on the product label |
| | Kettle (travel) | 300 - 900 | N/A | |
| | Coffee Maker | 800 - 1200 | N/A | |
| | Air Fryer | 800 - 1400 | N/A | |
| | Toaster | 800 – 1500 | N/A | |
| | Portable Air Conditioner | 900 – 2000 | 1500 – 2500 | Compressor start-up causes a spike |
| | Hair Dryer | 1000 – 2000 | N/A | Depending on speed/heat |
| | Washing Machine | 1000 – 2000 | 2200 – 3000 | |
| | Dishwasher | 1200 – 1800 | 1800 – 2400 | Heating water and motor combined draws more power |
| | Vacuum Cleaner | 500 – 1500 | 1800 – 2500 | Higher for older or industrial models |
| PEAK 3.6 | Induction Hob | 1000 - 2800 | N/A | Both rings on max reaches 2800 |
| | Electric Oven | 1200 – 3000 | N/A | Modern models are below 1200W |
| | Tumble Dryer | 2000 – 3000 | 3000 – 3500 | |
| | Kettle (domestic) | 2000 – 3000 | N/A | |
| BASE 5.0 / PRO 5.0 | Welder | 2000-3500 | 7000 | Models vary significantly |
| | Angle Grinder | 2000-3000 | 5500-7000 | |
| | Air Compressor | 100-3000 | 400-12000 | Soft start compressores recommended as some models will exceed the capabilities of the power station |