

**Annex A, Technical Specifications to UKRKI / RFQ / 2023-113
FOR SUPPLY OF MOBILE POWER STATIONS
(3600WH,2000WH,1000WH,500WH)**

Technical Specifications

1. Specification for Portable Power Station 3600WH

1. Capacity: 3600Wh
2. Extra Battery: Support up to two Extra Battery/Smart Generator
3. AC Output: EU 4 sockets, 230 V/16 A, total power 3600 W (Surge 7200 W)
4. USB-A Output: 2 ports, 5V, 2.4A, 12W Max per port
5. USB-A Fast Charge: 2 ports, 5V, 2.4A / 9V, 2A / 12V, 1.5A, 18W Max per port
6. USB-C Output: 2 ports, 5/9/12/15/20V, 5A, 100W Max per port
7. Car Power Output: 12.6V, 10A, 126W Max
8. DC5521 Output: 2 ports, 12.6V, 3A, 38W Max per port
9. AC Charging Input: 2900 W Max, 230 V~12.5 A
10. Solar Charging Input: 1600W Max, 11-150V, 15A Max
11. Car Charging Input: Support 12V/24V battery, 8A
12. Battery Chemistry: LFP
13. Cycle Life: 6,500 cycles to 50% capacity, 3,500 cycles to 80% capacity
14. Connection: Wi-Fi, Bluetooth, wired

2. Specification for Portable Power Station 2000WH

1. Capacity: 2160Wh (43.2V 50Ah)
2. Cell Chemistry: Lithium-ion Battery
3. Lifecycle: 1000 cycles to 80%+ capacity
4. PORTS (EU Compatible Plugs)
5. AC Output: 220V, 2200W (4400W Peak)
6. USB-A Output: Quick Charge 3.0, 18W Max
7. USB-C Output: 100W Max, (5V, 9V, 12V, 15V, 20V up to 5A)
8. Car Port: 12V, 10A
9. AC Input: 220-230V, 15A Max
10. DC Input: 11V-17.5V, 8A Max, Double to 8A Max
11. 17.5V-60V, 12A, Double to 24A/1400W Max

3. Specification for Portable Power Station 1000WH

1. Capacity:1002Wh (43.2V 23.2Ah)
2. Cell Chemistry: Lithium-ion Battery
3. Lifecycle:1000 cycles to 80%+ capacity
4. PORTS (EU Compatible Plugs)
5. AC Output:220V, 1000W (2000W Peak)
6. USB-A Output: Quick Charge 3.0, 18W Max
7. USB-C Output:12V, 10A
8. Car Port: 12V,10A
9. AC Input: 220-230V
10. DC Input: 17.5V-60V, 11A, Double to 22A/800W Max

4. Specification for Portable Power Station 500WH

1. Capacity:518Wh (21.6V, 24Ah)
2. Cell Chemistry:Li-ion NMC
3. Lifecycle:500 cycles to 80%+ capacity
4. PORTS (EU Compatible Plugs)
5. AC Output: 220V
6. USB-A Output:5V, 2.4A
7. Car Output:12V, 10A
8. DC Output:12V, 7A (6.5mm*1.4mm)
9. DC Input:12V-30V (100W Max)