



# Portable Power Station

Premium Series

For Every Power-Packed Adventure



## Faster Charging

- Ready to go within **1 hour** with AC Turbo Charging or PV charging
- Tap into abundant energy of the sun through **efficient PV charging**.

## More Compact & Powerful

- High-density LFP** battery cells for impressive capacity
- Lifting Power** for high-wattage resistive loads like hair dryers, electric kettles, etc.

## Longer Lifespan

- Reliable LFP batteries and intelligent BMS (Battery Management System) provide optimal performance and up to **10 years of lifespan**.

## Higher Scalability

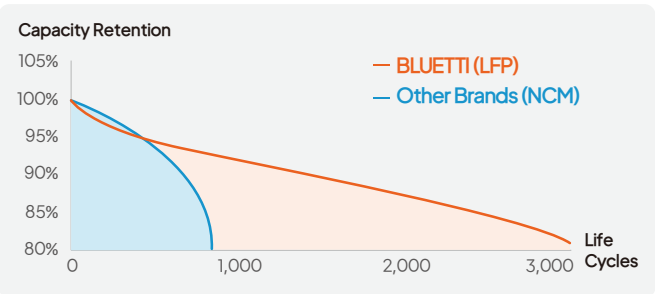
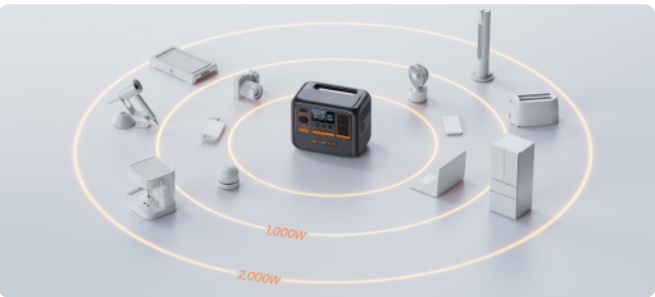
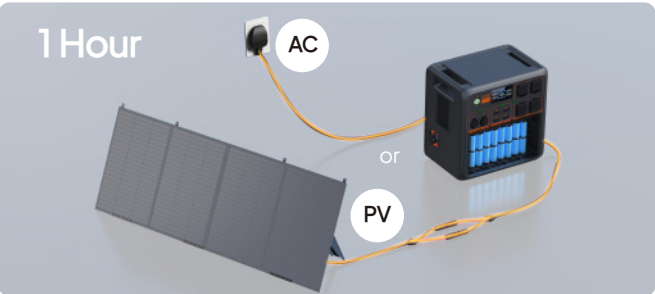
- Modular design** allows for flexible capacity ranging from **1.8kWh to 10kWh**, and up to 8 tailored solutions to cater to your unique power requirements.

## Smarter Control

- With the intuitive **BLUETTI App**, you can monitor your power status in real time and customize your setup effortlessly, simply manage energy in the **palm of your hand**.

## Dynamic Design

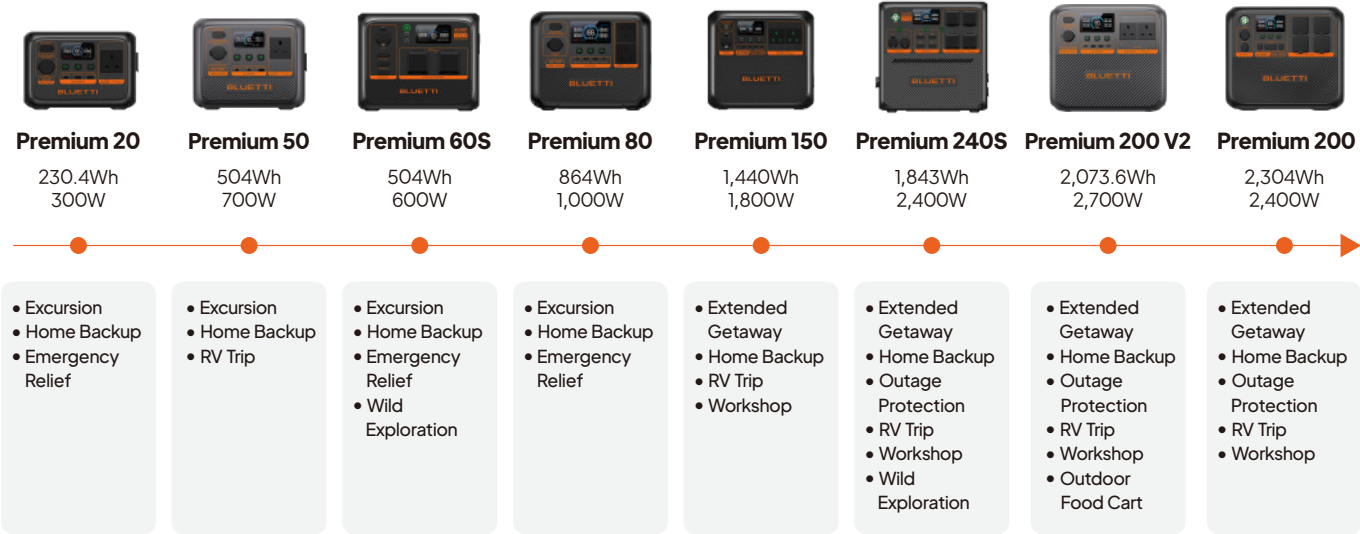
- The Premium series products come in vibrant orange, embodying **warmth, hope, and the full spirit of energy**.



## Applications



## For Every Power-Packed Adventure



## Portable Power Station Premium Series

**Premium 20 (AC2P)**

SKU: P-AC2P-UK-GY-BL-010  
EAN: 6970991294549

**230.4Wh | 300W**

|                        |                                         |
|------------------------|-----------------------------------------|
| Weight                 | 3.6 kg (7.9 lbs)                        |
| Dimensions (L x W x H) | 250 x 150 x 180 mm (9.8 x 5.9 x 7.1 in) |
| Lifting Power          | 600W                                    |
| Expandable Capacity    | /                                       |

1\* AC | 1\* Car Port | 2\* USB-A | 1\* USB-C

**Premium 50 (AC50P)**

SKU: P-AC50P-UK-GY-BL-010  
EAN: 6970991296543

**504Wh | 700W**

|                        |                                          |
|------------------------|------------------------------------------|
| Weight                 | 6.9 kg (15.2 lbs)                        |
| Dimensions (L x W x H) | 280 x 200 x 220 mm (11.0 x 7.9 x 8.7 in) |
| Lifting Power          | 1,200W                                   |
| Expandable Capacity    | /                                        |

1\* AC | 1\* Car Port | 1\* USB-A | 2\* USB-C | 1\* Wireless Charger

**Premium 60S (AC60P)**

SKU: P-AC60P-UK-GY-BL-010  
EAN: 6970991292965

**504Wh | 600W**

|                        |                                          |
|------------------------|------------------------------------------|
| Weight                 | 9.6 kg (21.16 lbs)                       |
| Dimensions (L x W x H) | 290 x 205 x 234 mm (11.4 x 8.1 x 9.2 in) |
| Lifting Power          | 1,200W                                   |
| Expandable Capacity    | 2,116Wh (With 2x B80P)                   |

2\* AC | 1\* Car Port | 2\* USB-A | 1\* USB-C | 1\* Wireless Charger

**Premium 80 (AC70P)**

SKU: P-AC70P-UK-GY-BL-010  
EAN: 6970991294242

**864Wh | 1,000W**

|                        |                                           |
|------------------------|-------------------------------------------|
| Weight                 | 10.7 kg (23.6 lbs)                        |
| Dimensions (L x W x H) | 314 x 210 x 256 mm (12.4 x 8.2 x 10.1 in) |
| Lifting Power          | 2,000W                                    |
| Expandable Capacity    | power bank mode 1,670Wh (With 1x B80P)    |

2\* AC | 1\* Car Port | 2\* USB-A | 2\* USB-C | 1\* Wireless Charger

|                        |                   |
|------------------------|-------------------|
| Battery                | LiFePo4           |
| Life Cycles            | 3,000+            |
| PV Input               | 12V~28V,200W Max. |
| Bidirectional Inverter | ✓                 |
| IP Grade               | /                 |
| Others                 | MPPT, UPS, APP    |
| Warranty               | 5 Years           |

|               |                   |
|---------------|-------------------|
| Charging Time |                   |
| AC            | 1.4 H (270W Max.) |
| Solar         | 1.5 H (200W Max.) |
| Car           | 1.5 H (200W Max.) |
| Generator     | 1.4 H (270W Max.) |

|                        |                   |
|------------------------|-------------------|
| Battery                | LiFePo4           |
| Life Cycles            | 3,000+            |
| PV Input               | 12V~28V,200W Max. |
| Bidirectional Inverter | ✓                 |
| IP Grade               | /                 |
| Others                 | MPPT, UPS, APP    |
| Warranty               | 5 Years           |

|               |                   |
|---------------|-------------------|
| Charging Time |                   |
| AC            | 1.3 H (600W Max.) |
| Solar         | 3 H (200W Max.)   |
| Car           | 3 H (200W Max.)   |
| Generator     | 1.3 H (600W Max.) |

|                        |                   |
|------------------------|-------------------|
| Battery                | LiFePo4           |
| Life Cycles            | 3,000+            |
| PV Input               | 12V~28V,200W Max. |
| Bidirectional Inverter | ✓                 |
| IP Grade               | IP65              |
| Others                 | MPPT, UPS, APP    |
| Warranty               | 6 Years           |

|               |                   |
|---------------|-------------------|
| Charging Time |                   |
| AC            | 1.3 H (600W Max.) |
| Solar         | 3 H (200W Max.)   |
| Car           | 3 H (200W Max.)   |
| Generator     | 1.3 H (600W Max.) |

|                        |                   |
|------------------------|-------------------|
| Battery                | LiFePo4           |
| Life Cycles            | 3,000+            |
| PV Input               | 12V~58V,500W Max. |
| Bidirectional Inverter | ✓                 |
| IP Grade               | /                 |
| Others                 | MPPT, UPS, APP    |
| Warranty               | 5 Years           |

|               |                   |
|---------------|-------------------|
| Charging Time |                   |
| AC            | 1.5 H (950W Max.) |
| Solar         | 2.2 H (500W Max.) |
| Car           | 4.8 H (200W Max.) |
| Generator     | 1.5 H (950W Max.) |



Portable Power Station

Premium Series

Premium 150 (AC180P)

SKU: P-AC180P-UK-GY-BL-010  
EAN: 6970991292903



1,440Wh | 1,800W

|                        |                                            |
|------------------------|--------------------------------------------|
| Weight                 | 17.0 kg (37.5 lbs)                         |
| Dimensions (L × W × H) | 340 × 247 × 317 mm (13.4 × 9.7 × 12.5 in)  |
| Lifting Power          | 2,700W                                     |
| Expandable Capacity    | power bank mode<br>2,246Wh (With 1 x B80P) |

2\* AC | 1\* CarPort | 4\* USB-A | 1\* USB-C | 1\* Wireless Charger

Premium 240S (AC240P)

SKU: P-AC240P-UK-GY-BL-010  
EAN: 6970991294884



1,843Wh | 2,400W

|                        |                                            |
|------------------------|--------------------------------------------|
| Weight                 | 33.0 kg (72.0 lbs)                         |
| Dimensions (L × W × H) | 420 × 294 × 410 mm (16.5 × 11.6 × 16.1 in) |
| Lifting Power          | 3,600W                                     |
| Expandable Capacity    | 10,443Wh                                   |

4\* AC | 1\* Car Port | 2\* USB-A | 2\* USB-C | 1\* RV Port

Premium 200 V2

SKU: TBD  
EAN: TBD



2,073.6Wh | 2,700W

|                        |                                                |
|------------------------|------------------------------------------------|
| Weight                 | 24.2 kg (53.35 lbs)                            |
| Dimensions (L × W × H) | 350 × 250 × 323.6 mm (13.78 × 9.84 × 12.74 in) |
| Lifting Power          | 4,050W                                         |
| Expandable Capacity    | /                                              |

2\* AC | 1\* Car Port | 2\* USB-A | 2\* USB-C

Premium 200 (AC200PL)

SKU: P-AC200PL-UK-GY-BL-010  
EAN: 6970991294761



2,304Wh | 2,400W

|                        |                                                      |
|------------------------|------------------------------------------------------|
| Weight                 | 28.3 kg (62.4 lbs)                                   |
| Dimensions (L × W × H) | 420 × 280 × 367 mm (16.5 × 11.0 × 14.4 in)           |
| Lifting Power          | 3,600W                                               |
| Expandable Capacity    | 6,604Wh (With 2 x B210P)<br>7,834Wh (With 2 x B300K) |

4\* AC | 1\* Car Port | 2\* USB-A | 2\* USB-C | 2\* Wireless Charger | 1\* RV Port

|                        |                     |
|------------------------|---------------------|
| Battery                | LiFePO <sub>4</sub> |
| Life Cycles            | 3,500+              |
| PV Input               | 12V~60V,500W Max.   |
| Bidirectional Inverter | ✓                   |
| IP Grade               | /                   |
| Others                 | MPPT, UPS, APP      |
| Warranty               | 5 Years             |

Charging Time

|           |                     |
|-----------|---------------------|
| AC        | 1.5 H (1,440W Max.) |
| Solar     | 3.3 H (500W Max.)   |
| Car       | 7.2 H (200W Max.)   |
| Generator | 1.5 H (1,440W Max.) |

|                        |                     |
|------------------------|---------------------|
| Battery                | LiFePO <sub>4</sub> |
| Life Cycles            | 3,500+              |
| PV Input               | 11V~60V,1,200W Max. |
| Bidirectional Inverter | ✓                   |
| IP Grade               | IP65                |
| Others                 | MPPT, UPS, APP      |
| Warranty               | 6 Years             |

Charging Time

|           |                     |
|-----------|---------------------|
| AC        | 1.2 H (2,400W Max.) |
| Solar     | 1.8 H (1,200W Max.) |
| Car       | 9.2 H (200W Max.)   |
| Generator | 1.2 H (2,400W Max.) |

|                        |                     |
|------------------------|---------------------|
| Battery                | LiFePO <sub>4</sub> |
| Life Cycles            | 6,000+              |
| PV Input               | 11V~60V,1,000W Max. |
| Bidirectional Inverter | ✓                   |
| IP Grade               | /                   |
| Others                 | MPPT, UPS, APP      |
| Warranty               | 5 Years             |

Charging Time

|           |                     |
|-----------|---------------------|
| AC        | 1.4 H (1,800W Max.) |
| Solar     | 2.4 H (1,000W Max.) |
| Car       | 4.2 H (560W Max.)   |
| Generator | 2 H (1,200W Max.)   |

|                        |                      |
|------------------------|----------------------|
| Battery                | LiFePO <sub>4</sub>  |
| Life Cycles            | 3,500+               |
| PV Input               | 12V~145V,1,200W Max. |
| Bidirectional Inverter | ✓                    |
| IP Grade               | /                    |
| Others                 | MPPT, UPS, APP       |
| Warranty               | 5 Years              |

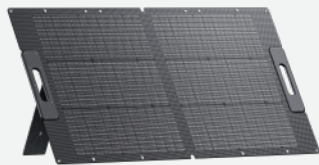
Charging Time

|                        |                     |
|------------------------|---------------------|
| AC                     | 1.5 H (2,400W Max.) |
| Solar                  | 2.8 H (1,200W Max.) |
| Car/ Lead acid Battery | 12.5 H (200W Max.)  |
| Generator              | 2 H (2,000W Max.)   |

Solar Panel

PV100D

SKU: P-PV100D-UG-NO-BL-010  
EAN: 6970991296505



100W

|                 |                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------|
| Weight          | 4.9 kg / 10.8 lbs                                                                                     |
| Dimensions      | Unfolded:<br>1,135 × 608 mm (44.7 × 23.9 in)<br>Folded:<br>608 × 582.5 × 35 mm (23.9 × 22.9 × 1.4 in) |
| Cell Type       | Monocrystalline Silicon                                                                               |
| Cell Efficiency | Up to 23.4%                                                                                           |

PV120D

SKU: P-PV120D-EU-BK-BL-020  
EAN: 6970991295287



120W

|                 |                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------|
| Weight          | 5.36 kg (11.8 lbs)                                                                                  |
| Dimensions      | Unfolded:<br>1,760 × 500 mm (69.3 × 19.7 in)<br>Folded:<br>500 × 500 × 45 mm (19.7 × 19.7 × 1.7 in) |
| Cell Type       | Monocrystalline Silicon                                                                             |
| Cell Efficiency | Up to 23.4%                                                                                         |

PV200D

SKU: P-PV200D-EU-BK-BL-020  
EAN: 6970991295270



200W

|                 |                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------|
| Weight          | 8.14 kg (17.9 lbs)                                                                                |
| Dimensions      | Unfolded:<br>2,105 × 608 mm (82.8 × 23.9 in)<br>Folded:<br>585 × 608 × 45 mm (23 × 23.9 × 1.7 in) |
| Cell Type       | Monocrystalline Silicon                                                                           |
| Cell Efficiency | Up to 23.4%                                                                                       |

PV350D

SKU: P-PV350D-EU-BK-BL-010  
EAN: TBD



350W

|                 |                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------|
| Weight          | 14.3 kg (31.5 lbs)                                                                                   |
| Dimensions      | Unfolded:<br>2,778 × 805 mm (109.4 × 31.6 in)<br>Folded:<br>805 × 736 × 45 mm (31.6 × 28.9 × 1.7 in) |
| Cell Type       | Monocrystalline Silicon                                                                              |
| Cell Efficiency | Up to 23.4%                                                                                          |

|                             |                                    |
|-----------------------------|------------------------------------|
| Voltage at Max. Power (Vmp) | 20.5 V                             |
| Current at Max. Power (Imp) | 4.9 A                              |
| Open Circuit Voltage (Voc)  | 24.6V                              |
| Short Circuit Current (Isc) | 5.8A                               |
| IP Grade                    | IP67                               |
| Compatibility               | All BLUETTI Premium Power Stations |
| Warranty                    | 12 Months                          |

|                             |                                    |
|-----------------------------|------------------------------------|
| Voltage at Max. Power (Vmp) | 20.8 V                             |
| Current at Max. Power (Imp) | 6.0 A                              |
| Open Circuit Voltage (Voc)  | 24.6 V                             |
| Short Circuit Current (Isc) | 6.6 A                              |
| IP Grade                    | IP67                               |
| Compatibility               | All BLUETTI Premium Power Stations |
| Warranty                    | 12 Months                          |

|                             |                                    |
|-----------------------------|------------------------------------|
| Voltage at Max. Power (Vmp) | 20.4 V                             |
| Current at Max. Power (Imp) | 9.7 A                              |
| Open Circuit Voltage (Voc)  | 24.6 V                             |
| Short Circuit Current (Isc) | 10.8 A                             |
| IP Grade                    | IP67                               |
| Compatibility               | All BLUETTI Premium Power Stations |
| Warranty                    | 12 Months                          |

|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Voltage at Max. Power (Vmp) | 37.0 V                                                      |
| Current at Max. Power (Imp) | 9.5 A                                                       |
| Open Circuit Voltage (Voc)  | 44.0 V                                                      |
| Short Circuit Current (Isc) | 11.4 A                                                      |
| IP Grade                    | IP67                                                        |
| Compatibility               | Premium 80/<br>Premium 150/<br>Premium 240S/<br>Premium 200 |
| Warranty                    | 12 Months                                                   |

Expansion Battery

B80P

SKU: P-B80P-UN-GY-BL-010  
EAN: 6970991293061



806Wh

|               |                                         |
|---------------|-----------------------------------------|
| Weight        | 9.9 kg (21.8 lbs)                       |
| Dimensions    | 290 × 207× 204 mm (11.4 × 8.2 × 8.0 in) |
| Total Outlets | 3                                       |
| Battery       | LiFePO <sub>4</sub>                     |
| Life Cycles   | 3,000+                                  |

B210P

SKU: P-B210P-UN-GY-BL-010  
EAN: 6970991294938



2,150Wh

|               |                                            |
|---------------|--------------------------------------------|
| Weight        | 27.9 kg (61.5 lbs)                         |
| Dimensions    | 417 × 282 × 270 mm (16.4 × 11.1 × 10.6 in) |
| Total Outlets | 3                                          |
| Battery       | LiFePO <sub>4</sub>                        |
| Life Cycles   | 3,500+                                     |

BlueCell 300 (B300K)

SKU: P-B300K-UN-GY-BL-010  
EAN: 6970991290664



2,764.8Wh

|               |                                              |
|---------------|----------------------------------------------|
| Weight        | 29.5 kg (65.04 lbs)                          |
| Dimensions    | 525 × 327 × 209 mm (20.67 × 12.87 × 8.23 in) |
| Total Outlets | 1                                            |
| Battery       | LiFePO <sub>4</sub>                          |
| Life Cycles   | 4,000+                                       |

|               |                                        |
|---------------|----------------------------------------|
| IP Grade      | IP65                                   |
| Compatibility | Premium 60S / Premium 80 / Premium 150 |
| Warranty      | 6 Years                                |
| Charging Time |                                        |
| AC Adapter    | 4.5 H (200W Max.)                      |
| Solar         | 4.5 H (200W Max.)                      |
| Car           | 4.5 H (200W Max.)                      |

|               |                            |
|---------------|----------------------------|
| IP Grade      | IP65                       |
| Compatibility | Premium 200 / Premium 240S |
| Warranty      | 6 Years                    |
| Charging Time |                            |
| AC Adapter    | 4.8 H (470W Max.)          |
| Solar         | 4.5 H (500W Max.)          |
| Car           | 10 H (200W Max.)           |

|               |                                            |
|---------------|--------------------------------------------|
| IP Grade      | IP20                                       |
| Compatibility | Premium 200 / AC200MAX / AC300 / AC500     |
| Warranty      | 4 Years                                    |
| Charging Time | Need to Connect with BLUETTI Power Station |

PV Optimizer (D40)

SKU: A-BM-D40-UG-O9V15V4  
EAN: 6970991296185

|  | Charging Power | Max. Output Current                                | Max. Output Voltage                                                                       | DC Input                                                                                | IP Grade | Weight           | Dimensions (L × W × H)                       | Compatibility |
|--|----------------|----------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------|------------------|----------------------------------------------|---------------|
|  | 400W           | 20 A (With Premium 200)<br>30 A (With Solar Panel) | Lead-acid: 14.4 V<br>LiFePO <sub>4</sub> : 14.4 V<br>AGM / Gel: 14.7 V<br>Calcium: 15.4 V | 48 V DC Input: 45 V to 60 V DC<br>PV / Starter--Battery Input: 12 V to 36 VDC,20 A Max. | IP20     | 2.0 kg (4.4 lbs) | 232.7 × 180.7 × 69.2 mm (9.2 × 7.1 × 2.7 in) | Premium 200   |

Charger 1 (D60L)

SKU: A-CG-D60L-UG-DC  
EAN: 6970991296277

|  | Power | Current | Default Voltage | Voltage Range                                                                                                    | DC Input                                                            | IP Grade | Working Temperature           | Weight            | Dimensions (L × W × H)                    |
|--|-------|---------|-----------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------|-------------------------------|-------------------|-------------------------------------------|
|  | 560W  | 10A     | 27V             | 15.0V to 56.0V (Adjustable Via APP) (With 12V Battery)<br>27.0V to 56.0V (Adjustable Via APP) (With 24V Battery) | 12V,50A Max. (With 12V Battery)<br>24V, 25A Max. (With 24V Battery) | IP20     | -20°C to 60°C (-4°F to 140°F) | 1.2 kg (2.65 lbs) | 145 x 110 x 60 mm (5.71 x 4.33 x 2.36 in) |

Runtime

RV & Outdoor

|                       | Premium 20 | Premium 50 | Premium 60S | Premium 80 | Premium 150 | Premium 240S | Premium 200 V2 | Premium 200 |
|-----------------------|------------|------------|-------------|------------|-------------|--------------|----------------|-------------|
| Phone (10Wh)          | 11 Times   | 22 Times   | 25 Times    | 43 Times   | 72 Times    | 92 Times     | 79 Times       | 116 Times   |
| Portable Fridge (65W) | 2.6 Hours  | 5.2 Hours  | 5.4 Hours   | 8.6 Hours  | 14.4 Hours  | 19.1 Hours   | 21.2 Hours     | 23.9 Hours  |
| Laptop (70Wh)         | 2 Times    | 4 Times    | 4 Times     | 7 Times    | 11 Times    | 14 Times     | 19 Times       | 18 Times    |
| Coffee Maker (1,500W) | -          | -          | -           | -          | 0.8 Hours   | 1.0 Hour     | 1.1 Hours      | 1.2 Hours   |

Home Backup

|                     |            |           |            |            |            |            |            |            |
|---------------------|------------|-----------|------------|------------|------------|------------|------------|------------|
| WiFi Router (7W)    | 12.7 Hours | 23 Hours  | 23.7 Hours | 31.4 Hours | 52.4 Hours | 77.6 Hours | 4 Days     | 97.0 Hours |
| TV (60W)            | 2.3 Hours  | 5 Hours   | 5.8 Hours  | 9.2 Hours  | 15.4 Hours | 20.5 Hours | 22.7 Hours | 25.6 Hours |
| Refrigerator (100W) | 1.7 Hours  | 3.5 Hours | 3.7 Hours  | 6.0 Hours  | 10.0 Hours | 13.2 Hours | 14.4 Hours | 16.5 Hours |

Workshop

|                          |   |   |   |   |           |           |           |           |
|--------------------------|---|---|---|---|-----------|-----------|-----------|-----------|
| Blender (1,400W)         | - | - | - | - | 0.8 Hours | 1.0 Hour  | 1.1 Hours | 1.3 Hours |
| Electric Hammer (1,000W) | - | - | - | - | 1.1 Hours | 1.4 Hours | 1.6 Hours | 1.8 Hours |
| Circular Saw (1,800W)    | - | - | - | - | 0.6 Hours | 0.8 Hours | 0.9 Hour  | 1.0 Hour  |

Note: For reference only.



Contact Us