

PWB2400



FEATURES:

- Li-ion LFP battery module
- Wireless Charger
- Solar Charging
- Fast Charging integrated 1h 80%
- Parallel Connector
- EPS Emergency power supply



Output specifications

| | | |
|---------------------------|------|------|
| Output power (Continuous) | watt | 2400 |
| Output power peak (1.5s) | watt | 4800 |
| Frequency | Hz | 50 |
| Voltage | V | 230 |
| Phases | | 1 |



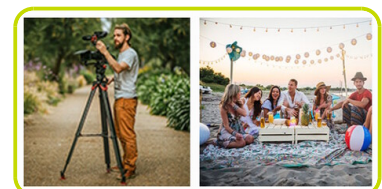
Battery specifications

| | | |
|----------------------------------|--------|------------|
| Battery (Type) | | Li-ion LFP |
| Battery rated Voltage | V | 51.2 |
| Battery design life @80% DoD | cycles | 2000 |
| Battery Nominal capacity (sizes) | W/h | 2150 |



General Description

PWB Portable Power Station is a universal Battery Energy Storage system ideally suited to a range of applications, delivering reliable power in the most cost effective and environmentally sensitive way. Energy stored within the unit is converted electronically into AC power. Power can be stored from connection to the grid, from a generator or solar PV to ensure the most efficient, lowest maintenance and best environmental impact is achieved. Real time monitoring is provided by on board display to ensure an efficient usage.



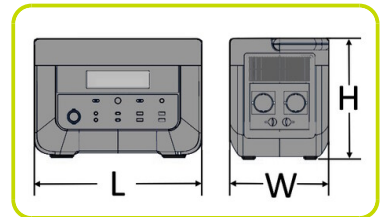
Input specifications

| | | |
|---|---|------|
| Max single-phase input | W | 1800 |
| a) Charging Times @80% | h | 1 |
| b) Charging Times @100% | h | 2 |
| Max DC Solar Charging | W | 400 |
| a) DC/Solar Charging Times @80% (with 400W of solar panels and best solar lighting condition) | h | 5 |
| b) DC/Solar Charging Times @80% (with 200W of solar panels and best solar lighting condition) | h | 8 |
| Car lighter charging (12V DC) | A | 8 |
| Car lighter charging time @80% | h | 19 |



Installation data

| | | |
|------------------------------------|--------|-------------|
| Length | (L) mm | 496 |
| Width | (W) mm | 266 |
| Height | (H) mm | 350 |
| Weight | kg | 29 |
| Discharging temperature range | °C | -10...40 |
| Charging temperature range | °C | 0...40 |
| Carton box dimension LxWxH | mm | 620x380x490 |
| Total weight (carton box included) | kg | 35 |



Instruments, controls & connections

| | |
|--------------------------------------|---|
| Inverter protection Short Circuit | ✓ |
| Inverter protection Overload | ✓ |
| Inverter protection Over Temperature | ✓ |
| Inverter protection Low Battery | ✓ |
| System status control panel | ✓ |
| Battery condition | ✓ |
| Solar charge controller MPPT | ✓ |
| Parallel connector | ✓ |



Output:

| | |
|---|---|
| Schuko AC ports 230V | 4 |
| Car socket (DC 12V/10A) | 1 |
| DC 6514 (12V/5A) | 2 |
| USB-A 12 W Max (5V/2.4A) | 2 |
| USB-A Quick 24W Max (5/9/12V 3/2.2/2 A) | 2 |
| USB-C 100 W Max (5/9/12/15/20V 3/5A) | 2 |
| Wireless charger | 2 |



Optional features

| | |
|--|---|
| Solar Panel PWB Power Station 200W | • |
| Parallel wires PWB Power Station 12AWG (110cm) | • |



The information is aligned with the Data file at the time of download.
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