

DTPH1800 - THE POWER HOUSE

This remarkable battery offers the perfect compromise as portable equipment with maximum output. Even a Dedolight Lightstream PB70 light with 1200 W can be used over 50 minutes continuously – no problem when switching on (inrush current).



Alternatively, a whole fleet of smaller LED lights can be employed for a long period for continuous use. It is also possible to combine several of these batteries to continuous shooting without interruption (hot swap).



Stronger versions (double strength) are available, but are then no longer "portable" and cost three times as much.



This technology is based on Li-Fe (lithium-IRON) and is therefore safer than traditional lithium-ion systems.

DTPH1800

1.799,- €

Product Configuration:

| No | Item | Description | Note |
|----|---------------------------|--|---|
| 1 | Battery Cell | LiFePO4 | |
| 2 | Rated Capacity | 1484 Wh; 58Ah; 1800W rated Power | |
| 3 | Lifecycle | 2000 cycles to 80% | |
| 4 | Battery Management System | BMS: Under/Over Voltage Protection, Over Current Protection, Short Circuit Protection, Overcharging Voltage Protection, Over Temperature Protection, Overload protection | |
| 5 | MPPT | Support solar power MPPT charging max. 300W | |
| 6 | Housing | ABS+PC | |
| 7 | input Options | Wall charge | 220-240 V - /50 HZ; Max 1000W by AC |
| | | Vehicle charge | DC port: 12-30V, 7A; Max 200W by Car or by Solar |
| | | Solar charge | XT60 port: 12-30V, 10A; Max 300W by Solar |
| 8 | Output | 2*Type-C | PD 100W (5V/9V/12V/15V/3A, 20V/5A) PD |
| 9 | | 4*USB-A (QC3.0) | QC3.0 (5V/3A; 9V/2A; 12V/1.5A); max. 18 W QC 3.0 |
| 10 | | 2*DC 5521 Port | 13.6V/8A, Max 108.8 W |
| 11 | | 1* Cigarette Connector | 13.6V/8A, Max 108.8 W |
| 12 | | AC output spec 1 | AC 220-240V - 50 Hz, Rated Power: 1800W, Peak Power: 2400W 1s |
| 13 | | AC output spec 2 | AC 220-240V - 50 Hz, Rated Power: 1800W |

General

| No | Item | Parameter | Remarks |
|----|-----------------------|--|---------|
| 1 | AC Output | Pure Sin Waves | |
| 2 | Operation Environment | 0-40°C | |
| 3 | Working humidity | Not condensation at 20%-90% of humidity | |
| 4 | Storage Temperature | Normal indoor storage temperature Recommended storage temperature: 0-25 °C (Range) | |
| 5 | Standby time | Recharge every 3 months. Must be recharged in every 6 months. | |