

Baldr

Portable DC Power Supply Baldr Series (30~60 W)
Baldr 30WB12-S1~Baldr 60WB20-S1



ZONERGY



The integration design makes this product portable, appealing and useful.



The smart circuit design with multiple protection built-in enables stable operation.



Solar power is provided at the charge for electricity of 0.



The power supply is equipped with 5 V USB standard output ports providing continuous charging for mobile phones.



12 V output ports provided are suitable for most DC appliances.



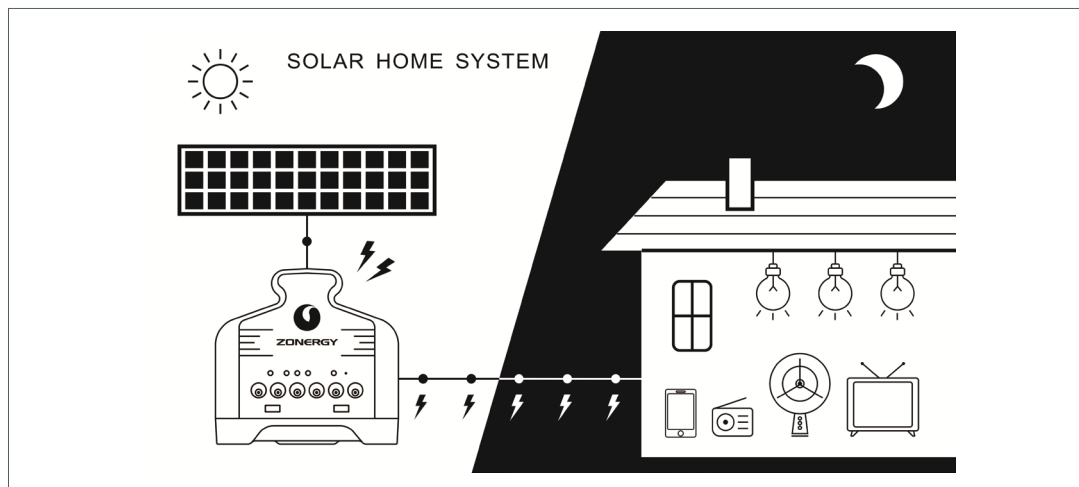
Automatic protection can be activated for over-charging, over-discharging, short circuiting and reverse connecting with no need to replace the fuse.



With multiple output ports, one set of this product can adequately meet various demand from the user.

Baldr 30WB12-S1~Baldr 60WB20-S1 Technical parameters

| Technical parameters: | Baldr 30WB12-S1 | Baldr 50WB18-S1 | Baldr 60WB20-S1 |
|---|--|---------------------------|---------------------------|
| | Conventional parameters | | |
| Solar photovoltaic panel | 18V/30W*1PCS | | 18V/60W*1PCS |
| Battery capacity | 12Ah/12.8VDC, LFP*1PCS | 18Ah/12.8VDC, LFP*1PCS | 20Ah/12.8VDC, LFP*1PCS |
| Accessories in detail | 8 m photovoltaic panel cable * 1, LED bulb 3 w /310 lm * 3, LED bulb cable 5m * 3, five in one USB charging cable * 1 | | |
| Output port | 5 VDC / 1 A USB output * 2, 12.8 VDC/2.5 A output * 6 | | |
| LED indicator | solar charging indicator, battery power indicator, load status indicator | | |
| Protection functions | over charging protection, over-discharging protection, over-current protection, short circuit protection, PV polarity reverse connection protection | | |
| Rated voltage of the battery (VDC) | 12.8 | 12.8 | 12.8 |
| Maximum charging current for the controller (A) | 10 | 10 | 10 |
| Load current (A) | 5 | 5 | 5 |
| Charging cut-off voltage (VDC) | 14.1±0.3 | 14.1±0.3 | 14.1±0.3 |
| Over-discharging protection voltage (VDC) | 12.0±0.2 | 12.0±0.2 | 12.0±0.2 |
| Over-discharging recovery voltage (VDC) | 13.1±0.2 | 13.1±0.2 | 13.1±0.2 |
| Over-voltage protection (VDC) | 16.0±0.2 | 16.0±0.2 | 16.0±0.2 |
| Over-voltage recovery (VDC) | 15.0±0.2 | 15.0±0.2 | 15.0±0.2 |
| Dimension (mm) | 217*170*163 | 217*170*163 | 217*170*163 |
| Net weight (kg) | 2.1 | 2.7 | 2.9 |
| Gross weight (kg) | 3.3 | 3.8 | 4 |
| Working duration | LED bulb 3 W * 3 17 hours | LED bulb 3 W * 3 25 hours | LED bulb 3 W * 3 28 hours |
| Certification | CQC, MSDS UN38.3, CE, RoHS, Lighting Global | | |



Note: Technical parameters listed hereunder are for reference only. Actual parameters shall be subject to products shipped.