

# Baldr

Portable DC Power Supply Baldr Series (10-20 W)

Baldr 10WB04-S1~Baldr 20WB06-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.



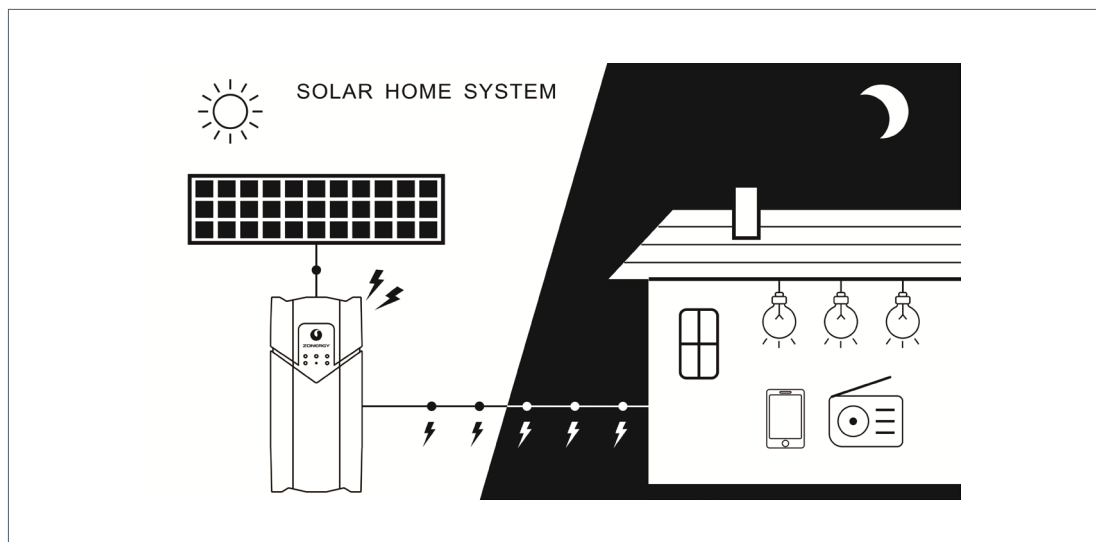
Automatic protection can be activated for over-charging, over-discharging, short circuiting and reverse connecting with no need to replace the fuse.



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

## Baldr 10WB04-S1~Baldr 20WB06-S1 Technical parameters

Technical parameters:	Baldr 10WB04-S1	Baldr 20WB06-S1
Conventional parameters		
Solar photovoltaic panel	18V/10W*1PCS	18V/20W*1PCS
Battery capacity	4Ah/12.8VDC, LFP*1PCS	6Ah/12.8VDC, LFP*1PCS
Accessories in detail	8 m photovoltaic panel cable * 1, LED bulb 2.2 w /210 lm * 3, LED bulb cable 5 m * 3, five in one USB charging cable * 1	
Output port	5 VDC/ 1 A USB output * 2, 12.8 VDC/0.5 A output * 4	
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
Maximum charging current for the controller (A)	3	3
Load current (A)	2.5	2.5
Charging cut-off voltage (VDC)	14.1±0.3	14.1±0.3
Over-discharging protection voltage (VDC)	12.0±0.2	12.0±0.2
Over-discharging recovery voltage (VDC)	13.1±0.2	13.1±0.2
Over-voltage protection (VDC)	16.0±0.2	16.0±0.2
Over-voltage recovery (VDC)	15.0±0.2	15.0±0.2
Dimension (mm)	198*93*70	198*93*70
Net weight (kg)	0.8	1.1
Gross weight (kg)	1.6	1.8
Working duration	LED bulb 2 W * 3 8 hours	LED bulb 2 W * 3 12 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.

# 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.



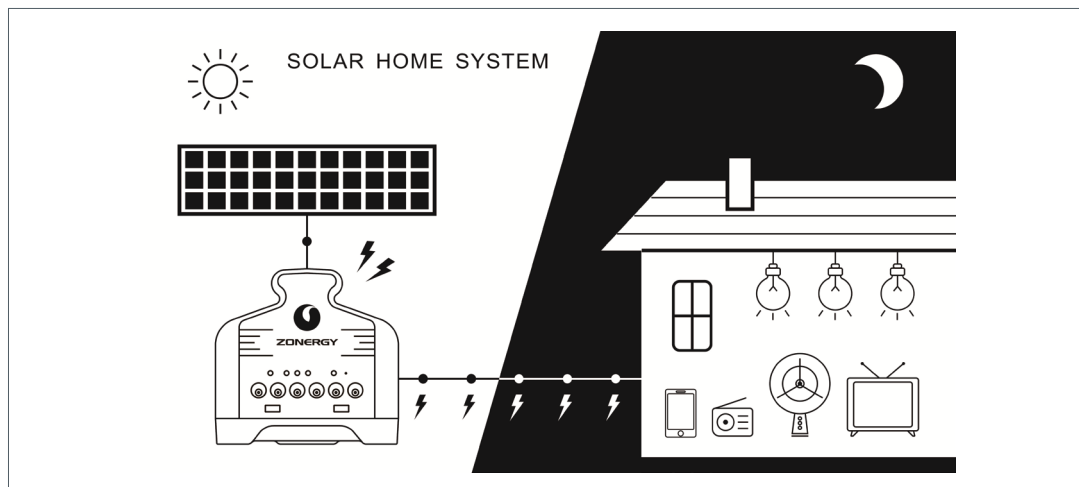
Automatic protection can be activated for over-charging, over-discharging, short circuiting and reverse connecting with no need to replace the fuse.



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.

# Baldr

Portable DC Power Supply Baldr Series (80-100 W)  
Baldr 80WB28-S1~Baldr 100WB40-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.



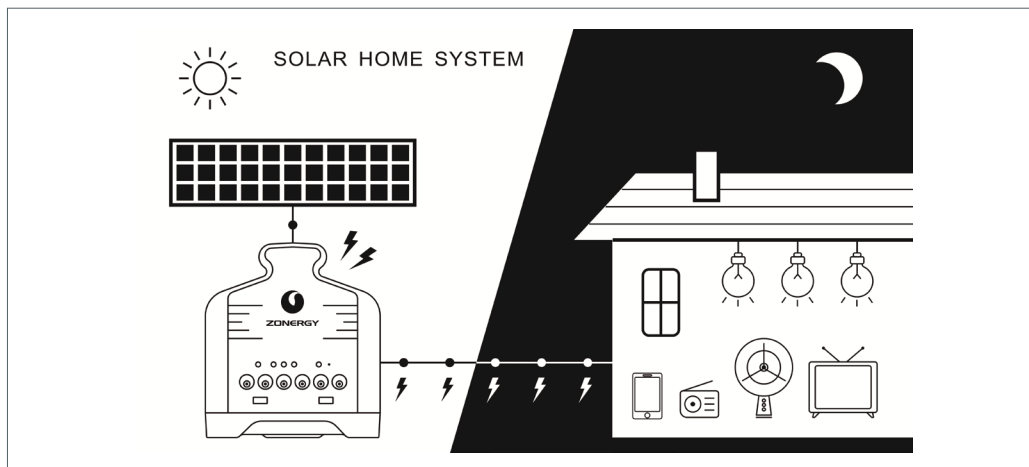
Automatic protection can be activated for over-charging, over-discharging, short circuiting and reverse connecting with no need to replace the fuse.



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

## Baldr 80WB28-S1~Baldr 100WB40-S1 Technical parameters

Technical parameters:	Baldr 80WB28-S1	Baldr 100WB40-S1
	Conventional parameters	
Solar photovoltaic panel	18V/80W*1PCS	18V/100W*1PCS
Battery capacity	28 Ah/12.8 VDC, LFP*1 PCS	40 Ah/12.8 VDC, LFP*1 PCS
Accessories in detail	8 m photovoltaic panel cable * 1, LED bulb 5 w /480 lm * 4, 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, 12.8 VDC/5 A* 2, 12.8 VDC/8 A cigarette lighter outlet	
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
Maximum charging current for the controller (A)	10	10
Load current (A)	10	10
Charging cut-off voltage (VDC)	14.1±0.3	14.1±0.3
Over-discharging protection voltage (VDC)	12.0±0.2	12.0±0.2
Over-discharging recovery voltage (VDC)	13.1±0.2	13.1±0.2
Over-voltage protection (VDC)	16.0±0.2	16.0±0.2
Over-voltage recovery (VDC)	15.0±0.2	15.0±0.2
Dimension (mm)	283*170*189	283*170*189
Net weight (kg)	4.1	5.3
Gross weight (kg)	5.6	6.8
Working duration	LED bulb 5 W * 4 18 hours	LED bulb 5 W * 4 25 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.