

Baldr

Portable DC Power Stations Baldr Series (80-100W)

Baldr10WB04-S1~Baldr 100WB40-S1



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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.

Baldr10WB04-S1~Baldr 100WB40-S1 Technical parameters

Model	BAL 10WB04-S1	BAL 20WB06-S1	BAL 30WB12-S1	BAL 50WB18-S1	BAL 60WB20-S1	BAL 80WB28-S1	BAL 100WB40-S1
Product Image							
Solar Panels	18V/10W*1PCS	18V/20W*1PCS	18V/30W*1PCS	18V/50W*1PCS	18V/60W*1PCS	18V/80W*1PCS	18V/100W*1PCS
Solar Panel Size	355*250*20	465*350*20	625*350*27	685*515*32	685*515*32	758*670*32	1016*670*32
Solar Panel Weight	1.3	2.2	3.5	4.8	4.8	6.7	7.7
Rated Power	32W		64W			128W	
Power Supply Battery Capacity	4000mAh/12.8Vdc	6000mAh/12.8Vdc	12000mAh/12.8Vdc	18000mAh/12.8Vdc	20000mAh/12.8Vdc	28000mAh/12.8Vdc	40000mAh/12.8Vdc
Rated Capacity	51.2AWh	76.8Wh	153.6Wh	230.4Wh	256Wh	358.4Wh	512Wh
Battery Cell	Lithium iron phosphate battery						
Usb Usb Output	5Vdc/1A USB output port*2						
Dc Output Port	12.8Vdc/0.5A output port*4		12.8Vdc/2.5A output port*6			12.8Vdc/2.5A output port*6 12.8Vdc/5A output port*2	
Cigarette Lighter Output	No					12.8Vdc/8A cigarette lighter output	
Led Indicator	Solar charging indicator, battery level indicator, load status indicator						
Protective Function	Overcharge protection, overdischarge protection, overcurrent protection, short circuit protection, PV reverse polarity protection						
Battery Rated Voltage (Vdc)	12.8	12.8	12.8	12.8	12.8	12.8	12.8
Controller Maximum Charging Current (A)	3	3	10	10	10	10	10
Load Current (A)	2.5	2.5	5	5	5	10	10
Charge Cut-Off Voltage (Vdc)	14.1±0.3	14.1±0.3	14.1±0.3	14.1±0.3	14.1±0.3	14.1±0.3	14.1±0.3
Over Discharge Protection Voltage (Vdc)	12.0±0.2	12.0±0.2	12.0±0.2	12.0±0.2	12.0±0.2	12.0±0.2	12.0±0.2
Over Discharge Recovery Voltage (Vdc)	13.1±0.2	13.1±0.2	13.1±0.2	13.1±0.2	13.1±0.2	13.1±0.2	13.1±0.2
Overvoltage Protection (Vdc)	16.0±0.2	16.0±0.2	16.0±0.2	16.0±0.2	16.0±0.2	16.0±0.2	16.0±0.2
Overvoltage Recovery (Vdc)	15.0±0.2	15.0±0.2	15.0±0.2	15.0±0.2	15.0±0.2	15.0±0.2	15.0±0.2
Dimensions (Mm)	198*93*70	198*93*70	217*170*163	217*170*163	217*170*163	283*170*189	283*170*189
Power Supply Net Weight (Kg)	0.8	1.1	2.1	2.7	2.9	4.1	5.3
Power Supply Gross Weight (Kg)	1.6	1.8	3.3	3.8	4	6.2	6.8
Power Supply Work Time	LED bulb 2W*3 8H	LED bulb 2W*3 12H	LED bulb 3W*3 17H	LED bulb 3W*3 25H	LED bulb 3W*3 28H	LED bulb 5W*4 18H	LED bulb 5W*4 25H
Optional Accessories	Recorder		Desk fan, floor fan, 19-inch TV, 22-inch TV				
Attachment Details	8m PV panel cable*1, LED bulb 2W/210lm*3, LED bulb cable 5m*3, 5-in-1 USB charging cable*1		8m PV panel cable*1, LED bulb 3W/310lm*3, LED bulb cable 5m*3, 5-in-1 USB charging cable*1			8m PV panel cable*1, LED bulb 5W/480lm*4, LED bulb cable 5m*4, 5-in-1 USB charging cable*1	
Certificate	CQC,MSDS UN38.3,CE,RoHS,Lighting Global						

Baldr

Portable Power Stations Baldr Series (330~2000W)

Baldr 330WB200-S0~Baldr 2000WB2000-S0



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LED display,
visually check the power



Safety,
BMS 7 layer protection



High capacity,
multiple power options



Support solar charging,
MPPT Efficient solar charging



PD quick charging,
bidirectional PCS for
Quick charging



AC output,
USA, Japan, Europe, and
Australia standard optional



Cascade for enhanced
battery life/output,
unlimited battery life through
parallel connection



Application scenarios,
suitable for household
emergency electricity,
outdoor travel, emergency
disaster relief, field work
and other occasions

Baldr 330WB200-S0~Baldr 2000WB2000-S0
Technical parameters

	Baldr 330WB200-S0	Baldr 500WB500-S0	Baldr 1000WB800-S0	Baldr 1500WB1000-S0	Baldr 2000WB2000-S0
Technical parameters					
Rated power	330W	500W	1000W	1500W	2000W
Rated capacity	228.6Wh	519Wh	799.2Wh	1382.4Wh	2264.4Wh
Standard capacity	3.7V/78000mAh	3.7V/140400mAh	3.7V/216000mAh	3.2V/432000mAh	3.7V/612000mAh
Battery cell	Ternary Battery (LiFePO4 Battery Optional)				
Overload protection	360±20W	550±40W	1100±80W	1600±80W	2100±80W
Ac output	110V±10%/60HZ or 220V/50HZ				
Output waveform	Pure sine wave				
Usb usb output	QC3. 0/18W				
Type-c output	PD60W				
Cigarret lighter output	DC55*2.1 12V/10A	DC55*2.5 14V/8A	DC55*2.1 14V/8A	DC55*2.5 14V/8A	
Wireless charging	5W	10W	10W	Not support	
Battery replacement	Not support			Auto battery pack matching	
Charging input voltage	12-26V			Mains electricity 100-240V compatible	
Ac output	USA, Japan, Europe, and Australia standard optional				
Working temperature	-10~40℃				
Net weight	≈3.3kg	≈6.8kg	≈7.5kg	≈17.5kg	
Gross weight	≈4.3kg	≈7.8kg	≈8.5kg	≈18.5kg	
Dimension	205*155*165mm	290*194*200mm		460*366*260mm	
Certification	CQC, UL, FCC, CE, UN, MSDS, Japan PSE, Qi				