

zeco^onex



ZECONEX LTD

SOLAR POWER SOLUTIONS

Off-grid, On-grid, and everywhere in between.

AC & DC Portable Power Station | UPS | Balcony Energy Storage System

Faster Charging

- Ready to go within 1 hour with AC Charging or PV charging
- Tap into abundant energy of the sun through efficient PV charging.



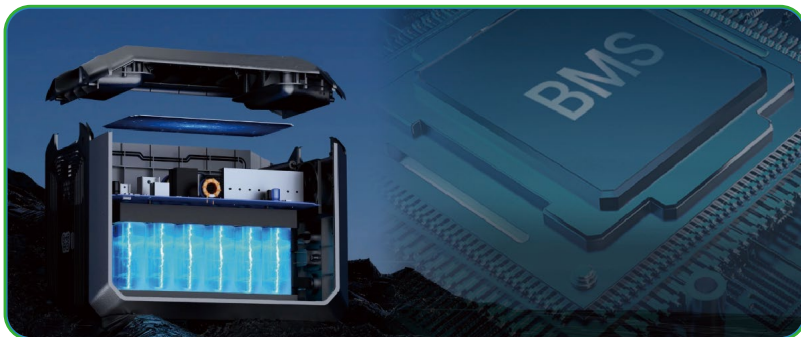
More Compact & Powerful

- High-density LFP battery cells for impressive capacity
- Lifting Power for high-wattage resistive loads like hair dryers, electric kettles, etc.



Longer Lifespan

- Reliable LFP batteries and intelligent BMS (Battery Management System) provide optimal performance and up to 10 years of lifespan



Higher Scalability

- Modular design allows for flexible capacity ranging from 2kWh to 80kWh, and several tailored solutions to cater to your unique power requirements.



Smarter Control

- With the intuitive APP you can monitor your power status in real time and customize your setup effortlessly, simply manage energy in the palm of your hand.



OEM / ODM

- Offering full customization to match your brand's unique identity, including logo printing & branding, shell color & material customization, packaging box design and tailored sizing & functionality. From concept to final product, we bring your vision to life with precision manufacturing and strict quality control.



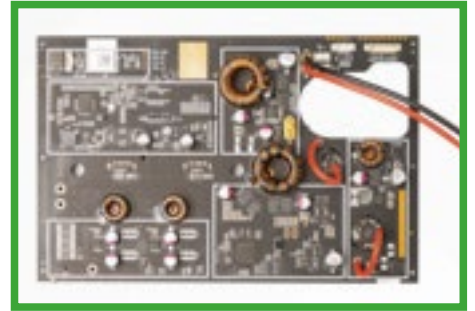
Building Our Portable Power Station



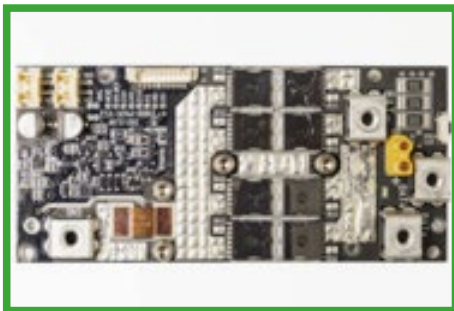
Battery Cells



Inverters



Control Systems



BMS
(Battery Management System)



Structural Components



Packaging

Product Customization

Our custom services start with a consultation with one of our experienced engineers. During this consultation, we'll work with you to identify your specific needs and requirements. From there, we'll develop a customized solution for you.

Brand LOGO



Casing Color



Packaging



800W-1800W Uninterrupted Power Supply (UPS)



UPS



Smart APP

ZECO-UPS-P800



ZECO-UPS-P1200



ZECO-UPS-P1800



NEW

AC Outlets	 EU	 US	 UN	 JP	 BR	 UK	 AU	 IEC C13
Battery	Cell Type	LiFePO4						
	Capacity	184.32Wh (51.2V/3.6Ah)		368.64Wh (51.2V/7.2Ah)		552.9Wh (51.2V/10.8Ah)		
	Lifecycle	3500+ cycles, about 10 years if one charge per day						
AC Output	Rated Power	230V~5.2A Max 800W Max 50/60Hz		230V~5.2A Max 1200W Max 50/60Hz		230V~7.8A Max 1800W Max 50/60Hz		
	Peak Power	1600W		2400W		3600W		
	Bypass Mode	800W		2300W		1800W Continuous @ 25°C 1800W ≤ 10 min @ 40°C 1440W Continuous @ 40°C		
	Transfer Time	Eco Mode≤10ms, Online Mode=0ms						
	Sockets	US Standard: Type B x 6		US Standard: Type B x 8		UK Standard: Type G x 6, IEC C13 x 2 EU Standard: Type F x 6, IEC C13 x 2 AU Standard: Type I x 6, IEC C13 x 2		
DC Output	USB-A	5V=3A; 9V=2A; 12V=1.5A 18W Max						
	USB-C	5V=3A; 9V=2A; 12V=3A; 15V=2.4A 36W Max						
AC Input	Power	160~280V~40~70Hz 50W Max		160~280V 40~70Hz 60W Max				
	Protection	6A		15A		15A at 200ms		
Net Weight		4.65kg		7.45kg		9.1kg		
Dimensions		275*185.2*206.5mm		380*185*208mm		380*185*208mm		
Operating Temperature		0~40°C (32~104°F)						
Storage Temperature		-20~60°C (-4~140°F)						



300W Multi-functional DC Power Station

ZECO-PPS-PB300

NEW



Smart APP



Solar charging



Capacity		288Wh (19.2V 15Ah) LFP
Output (363W) <small>USB-C1, USB-C2 are mutually exclusive with the multi-functional DC port</small>	Cigarette Lighter & 5521	12V-10A 120W Max
	USB-A	5V-3A; 9V-2A; 12V-1.5A 18W Max
	USB-C1 (Retractable cable)	5V-3A; 9V-3A; 12V-3A; 15V-3A; 20V-3A 60W Max
	USB-C2	5V-3A; 9V-3A; 12V-1.5A 18W Max
	USB-C3	5V-3A; 9V-3A; 12V-3A; 15V-3A; 20V-5A; 28V-5A 140W Max
	XT60+XH2.5 (Multi-functional DC)	5-30V-0.3-5A 100W Max
Input (260W) <small>USB-C2 and XT60 Cannot be used simultaneously</small>	USB-C1 (Retractable cable)	5V-3A; 9V-3A; 12V-3A; 15V-3A; 20V-3A 60W Max
	USB-C3	5V-3A; 9V-3A; 12V-3A; 15V-3A; 20V-5A; 28V-5A 140W Max
	Photovoltaic	6-24V MPPT: 6V-24V-5A Max, 120W Max
	Car charge (XT60)	12V-15V-5A Max
LED strip		3W
Net Weight		Approx. 2.7kg (5.95lb)



350W-700W Series Portable Power Station



Fast charging



EPS



Car charger



Solar charging



Smart APP

ZECO-PPS-P350



ZECO-PPS-P700



NEW

AC Outlets



EU



US



UN



JP



BR



UK



AU

AC Output	AC Output	120V 3A Max 350W Max 50Hz/60Hz or 230V 1.5A Max 350W Max 50Hz/60Hz	120V 6A Max 700W Max 50Hz/60Hz or 230V 3A Max 700W Max 50Hz/60Hz
	Off-grid Output	Peak Power: 600W	Peak Power: 1200W
	Bypass Mode	600W (EPS: ≤20ms)	700W (EPS: ≤20ms)
DC Output	Cigarette Lighter Output	12.8V / 10A	
	USB-A	5V3A; 9V2A; 12V1.5A 18W Max	
	USB-C1	5V3A; 9V2A; 12V1.5A 18W Max	
	USB-C2	5V3A; 9V3A; 12V3A; 15V3A; 20V5A; 28V5A 140W Max	
AC Input	AC	90V~140V 1.7A Max 200W Max 50Hz/60Hz or 190V~250V 0.8A Max 200W Max 50Hz/60Hz	90V~140V 3.4A Max 400W Max 50Hz/60Hz or 190V~250V 1.6A Max 400W Max 50Hz/60Hz
	AC Protection	6A	10A
DC Input	Car Charge	12V~15V 8A Max	
	Solar	12V~35V MPPT: 15V~35V 12A Max 240W Max	
General Info	Battery Capacity	288Wh (19.2v/15Ah)	576Wh (19.2v/30Ah)
	Battery Type	LiFePO4	
	Working Temperature	32°F~104°F (0°C~40°C)	
	Storage Temperature	-4°F~140°F (-20°C~60°C)	
	Dimension	Approx. 9.55*8.82*5.93in (242.5*224.06*150.65mm)	Approx. 9.55*9.07*7.31in (242.5*230.39*185.65mm)
	Net Weight	Approx. 9.15lb (4.15kg)	Approx. 13.89lb (6.3kg)
Warranty		3 Years	



2000W Series Portable Power Station

Emergency backup power for home



Fast charging



Smart APP



Solar charging



EPS



Expandable Capacity

ZECO-PPS-S2000



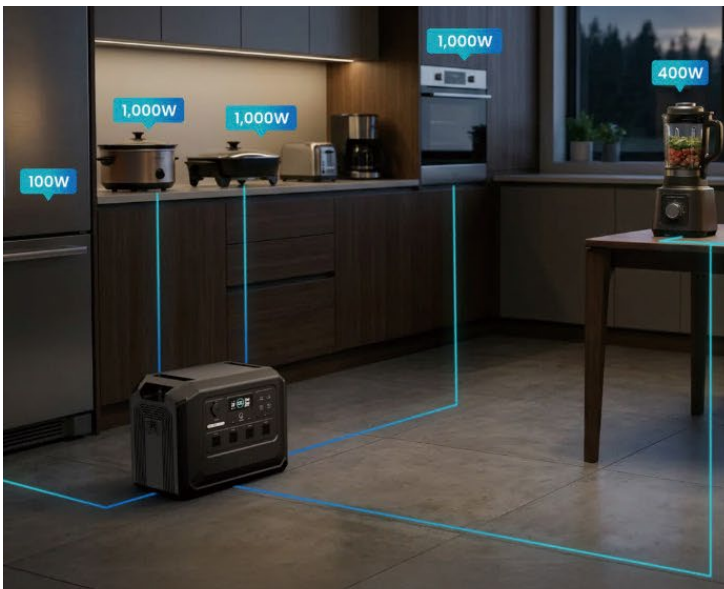
ZECO-PPS-S2000-lite



ZECO-PPS-S2000V2-lite



AC Outlets	EU US UN JP BR UK AU			
Battery	Cell Type	LiFePO		
	Capacity	1024Wh (51.2V 20Ah) , 31744Wh (With 15x S2-bat)		1024Wh (51.2V 20Ah)
	Expandable Capacity	31744Wh(With 15x S2-bat)		/
	Lifecycle	3500+ cycles, about 10 years if one charge per day		
AC Output	Rated Voltage	100V~120V or 220V~240V		
	Rated Power	2000W		
	Peak Power	4500W		
	Frequency	60Hz / 50Hz		
DC Output	DC 5521 & Cigarette lighter	12V / 10A		
	USB-A	5V/3A; 9V/2A; 12V/1.5A (18W Max)		
	USB-C	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A (100w Max)		
Input	AC Charge	90V~140Va.c 12A 1400W Max or 190V~250Va.c 6.5A 1400W Max		
	PV(Anderson)	12~78Vd.c MPPT: 18V~75V 14A 800W Max		
	Car Charge	12~15Vd.c 8A Max		
IP Grade		IP21		
Working Temperature		0°C~40°C / 0°F~104°F		
Dimensions		384*232*295mm		367*221*245mm
Net Weight		12.6kg	12.15kg	12.6kg
Warranty		3 Years		
Certifications		CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE		



2500W Series Portable Power Station

Emergency backup power for home



Fast charging



Smart APP



Solar charging



EPS



Expandable Capacity

ZECO-PPS-S2500



ZECO-PPS-2500V2



ZECO-PPS-2500V2-lite



AC Outlets	EU US UN JP BR UK AU									
Battery	Cell Type	LiFePO								
	Capacity	2048Wh(51.2V 40Ah)				2048Wh(51.2V 40Ah)				
	Expandable Capacity	32768Wh(With 15x S2-BAT)				32768Wh(With 15x S2-BAT-V2)			/	
	Lifecycle	3500+ cycles, about 10 years if one charge per day								
AC Output	Rated Voltage	100V~120V or 220V~240V								
	Rated Power	2500W								
	Peak Power	5400W								
	Frequency	60Hz / 50Hz								
DC Output	DC 552I & Cigarette lighter	12V / 10A								
	USB-A	5V/3A; 9V/2A; 12V/1.5A (18W Max)								
	USB-C	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A (100w Max)								
	Anderson	12V/30A								
Input	AC Charge	90V~140Va.c 13A Max 1600W Max or 200V~240Va.c 7A Max 1600W Max								
	PV(Anderson)	12V~148V MPPT: 18V~140V 15A Max 2100W Max								
	Car Charge	12~15Vd.c 8A Max								
IP Grade		IP21								
Working Temperature		0°C~40°C / 0°F~104°F								
Dimensions		460*270*305mm				387*256*285mm				
Net Weight		22kg				19.4kg				
Warranty		3 Years								
Certifications		CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE								



3600W Series Portable Power Station

Emergency backup power for home

ZECO-PPS-S3600 ZECO-PPS-S3600V2 ZECO-PPS-S3600V2--lite



Fast charging



Smart APP



Solar charging



EPS



Expandable Capacity



AC Outlets	EU				US	UN	JP	BR	UK	AU
Battery	Cell Type	LiFePO								
	Capacity	3072Wh(51.2V 60Ah)				3072Wh(51.2V 60Ah)				
	Expandable Capacity	33792Wh(With 15x S2-BAT)				33792Wh(With 15x S2-BAT-V2)			/	
	Lifecycle	3500+ cycles, about 10 years if one charge per day								
AC Output	Rated Voltage	100V~120V or 220V~240V								
	Rated Power	3600W								
	Peak Power	7000W								
	Frequency	60Hz / 50Hz								
DC Output	DC 5521 & Cigarette lighter	12V / 10A								
	USB-A	5V/3A; 9V/2A; 12V/1.5A (18W Max) 5V/2A (Some iPhones are not applicable.)								
	USB-C	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A (100w Max)								
	Anderson	12V/30A								
Input	AC Charge	100V~120V 60Hz 16A Max 1800W Max or 220V~240V 50Hz 13A Max 2500W Max								
	PV(Anderson)	12V~148V MPPT: 18V~140V 15A Max 2100W Max								
	Car Charge	12~15Vd.c 8A Max								
IP Grade		IP21								
Working Temperature		0°C~40°C / 0°F~104°F								
Dimensions		641.5*304.5*437.5mm				476*315.42*308.25mm				
Net Weight		37.8kg				28.5kg				
Warranty		3 Years								
Certifications		CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE								



1200W-2400W Series Portable Power Station



Fast charging



Solar charging



Smart APP



EPS

Green energy for outdoor activities

ZECO-PPS-S1200

ZECO-PPS-S1500

ZECO-PPS-S2400

ZECO-PPS-S2400-lite



AC Outlets	EU US UN JP BR UK AU			
Battery	Cell Type	LiFePO		
	Capacity	992Wh(32V 31Ah)	1488Wh(32V 46.5Ah)	2232Wh(48V 46.5Ah)
	Lifecycle	3500+ cycles, about 10 years if one charge per day		
AC Output	Rated Voltage	100V~120V or 220V~240V		
	Rated Power	1200W	1500W	2400W
	Boost Mode Power	1500W	1700W	2600W
	Peak Power	3600W	3600W	4500W
	Frequency	60Hz / 50Hz		
DC Output	DC 5521 & Cigarette lighter	12V / 10A		
	USB-A	5V/3A; 9V/2A; 12V/1.5A(18W Max)		
	USB-C	5V/3A; 9V/3A; 15V/3A; 20V/5A; 28/5A(140W Max)		
Input	AC Charge	90~140Vac 5A 50Hz/60Hz 300W or 190~250Vac 3A 50Hz/60Hz 300W	90~140Vac 7A 50Hz/60Hz 400W or 190~250Vac 4A 50Hz/60Hz 400W	90~140Vac 12A 50Hz/60Hz 700W or 200~240Vac 6.5A 50Hz/60Hz 700W
	PV Input	12V~29Vdc MPPT: 16V~26V 12A 240W Max	12V~29Vdc MPPT: 16V~26V 25A 480W Max	12V~78Vdc MPPT: 16V~70V 13A 800W Max
	Car Charge	12~15.5V 8.5A Max		
IP Grade		IP21		
Working Temperature		0°C~40°C / 0°F~104°F		
Dimensions		359*271.4*226.7mm	359*271.4*276.7mm	457*270*310mm
Net Weight		10.5kg	13.85kg	20.5kg
Warranty		3 Years		
Certifications		CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE		



3000W Protatable Balcony Energy Storage System

Utilize solar energy and reduce your electricity costs



Fast charging



EPS



Expandable capacity



Smart APP



Grid-tie mode



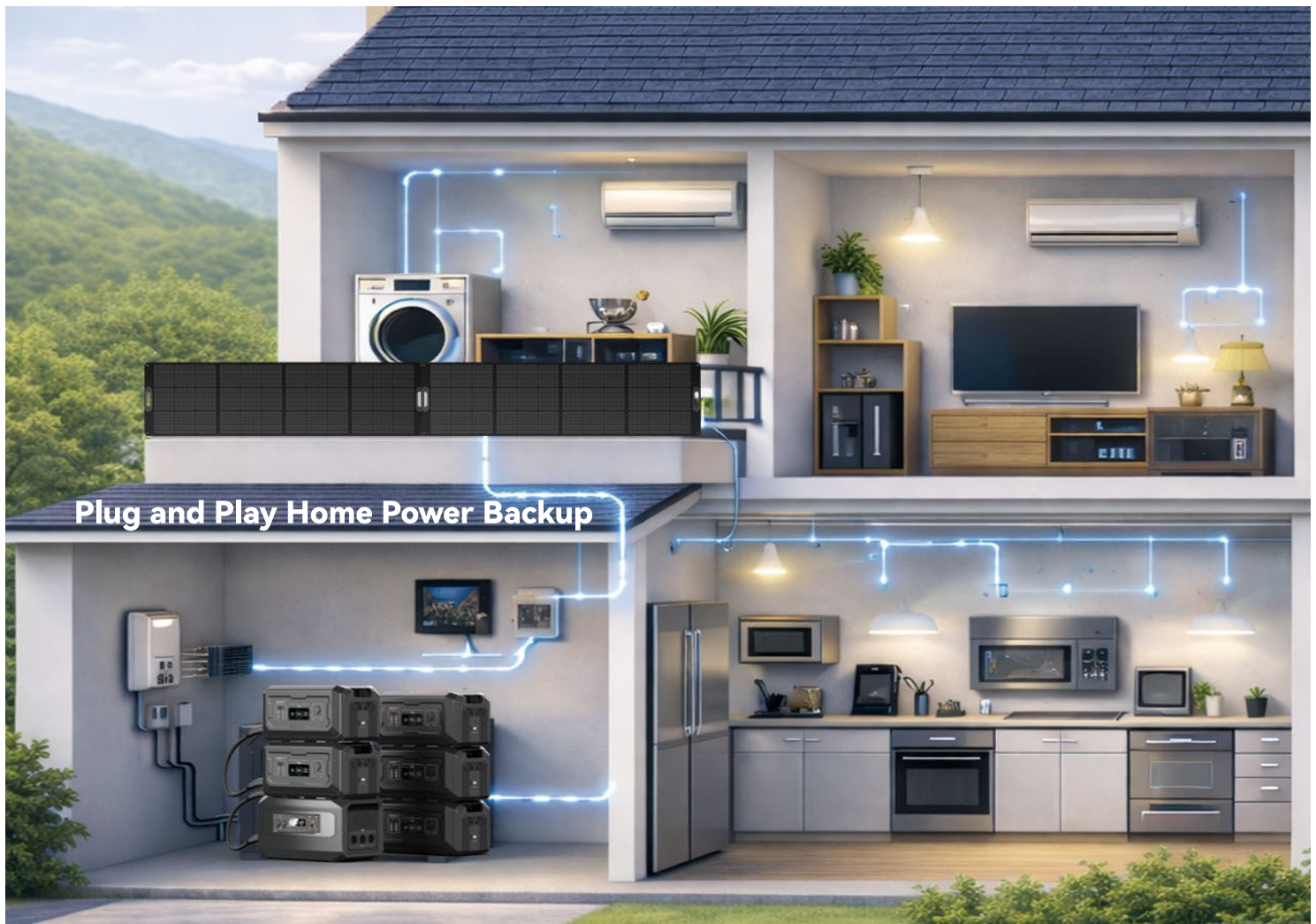
Solar charging

ZECO-PPS-C3000



NEW

AC Outlets	EU	US	UN	JP	BR	UK	AU
AC Output	100V~120V 30A Max 2500W Max 50Hz/60Hz				200V~240V 16A Max 3000W Max 50Hz/60Hz		
Off-grid Output	Boost Mode: 3600W Peak Power: 3800W						
Bypass Mode	2500W (EPS: ≤20ms)				3000W (EPS: ≤20ms)		
Grid-tie Output(AC Input Port)	/				180V~250V 3.6A Max 800W Max		
Cigarette Lighter Output×2	12V10A Per Port						
USB-A Output	5V3A; 9V2A; 12V1.5A 18W Max						
USB-C Output	5V3A; 9V3A; 12V3A; 15V3A; 20V5A; 28V5A 140W Max						
Anderson Output	12V~48V 30A Max 1000W Max						
AC Input	90V~140V 15A Max 1800W Max 50Hz/60Hz				180V~250V 10A Max 2000W Max 50Hz/60Hz		
Car Charging Input (Anderson Port)	12V~15V 8A Max						
Solar Input (Anderson Port)	12V~80V MPPT: 18V~80V 30A Max 1000W Max						
Battery Capacity	2048Wh(51.2V/40Ah), Max connect 8pc S2-BAT (2048*9=18432wh)						
Battery Type	LiFePO4						
Working Temperature	32°F~104°F (0°C~40°C)						
Storage Temperature	-4°F~140°F (-20°C~60°C)						
Dimension	468*293.7*295.6mm						
Net Weight	22.15kg				22.19kg		
Warranty	3 Years						



7200W Protatable Balcony Energy Storage System



Fast charging



EPS



Expandable capacity



Smart APP



Dual voltage
output



Solar charging

ZECO-PPS-H7200



NEW

AC Outlets	EU US UN JP BR UK AU					
AC Output	120V/3600W & 240V/7200W 50Hz/60Hz			230V 50Hz/60Hz 7200W Max		
	Peak: 9000W					
Cigarette Lighter Output	12V 10A 120W					
USB-A Output	5V3A; 9V2A; 12V1.5A 18W Max					
USB-C Output	5V3A; 9V3A; 12V3A; 15V3A; 20V5A; 28V5A 140W Max					
AC Charge Input	90V~140V 50Hz/60Hz 20A Max 1800W Max; 200V~240V 50Hz/60Hz 20A Max 3600W Max					
	90~140V~20A Max 1800W Max 50/60Hz 151~255V~ 20A Max 3600W Max 50/60Hz					
Solar Input (XT60)	12V~175V MPPT: 16V~165V 25A Max 2100W Max					
Car Charge Input	12V~15V 8.5A Max					
Storage Temperature	-4°F~140°F (-20°C~60°C)					
Net Weight	50.75kg			49.3kg		
Dimension	Approx.24.94*16.24*16.81in (633.57*412.52*426.96mm)			Approx 26.34*16.24*16.81in (669.1*412.52*426.96mm)		
Battery Capacity	4608Wh (51.2V/90Ah), Max connect 8pc BAT4608 (4608*9=41472Wh)					
Battery Type	LiFePO4					
Working Temperature	32°F~104°F (0°C~40°C)					
Warranty	3 Years					
Certifications	CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE					



5000W Series Portable Power Station



Expandable Capacity



EPS

ZECO-PPS-S5000



AC Outlets	 EU  US  UN  JP  BR  UK  AU		
Battery	Cell Type	LiFePO	
	Capacity	5040Wh(48V/105Ah), Max connect 15pc S5-BAT (5040*16 =80640Wh)	
	Lifecycle	3500+ cycles, about 10 years if one charge per day	
AC Output	Rated Voltage	100V~120V	220V~240V
	Rated Power	4000W Max	5000W Max
	Peak Power	7000W	
	Frequency	60Hz / 50Hz	
DC Output	DC 5521 & Cigarette lighter	12V / 10A	
	USB-A	5V/3A; 9V/2A; 12V/1.5A (18W Max) 5V/2A (Some iPhones are not applicable.)	
	USB-C	5V/3A; 9V/3A;12V/3A; 15V/3A;20V/3A (60w Max)	
	Anderson	12V/30A	
Input	AC Charge	100V~120V 60Hz 16A Max 1800W Max or 220V~240V 50Hz 13A Max 2500W Max	
	PV(Anderson)	12V~148V MPPT: 18V~140V 15A Max 2100W Max	
	Car Charge	12~15Vd.c 8A Max	
IP Grade		IP21	
Working Temperature		0°C~40°C / 0°F~104°F	
Dimensions		641.5*304.5*437.5mm	
Net Weight		51kg	
Warranty		3 Years	
Certifications		CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE	

3600W-5000W Series Industrial-grade Solar Generator



Expandable capacity



Smart APP

AC Outlets	 EU	 US	 UN	 JP	 BR	 UK	 AU
Battery	Cell Type	LiFePO4					
	Capacity	3072Wh, Max connect 15pc S2-BAT (2048*15+3072 =33792Wh)				5040Wh, Max connect 15pc S5-BAT (5040*16 =80640Wh)	
	Lifecycle	3500+ cycles, about 10 years if one charge per day					
AC Output	Rated Power	100V~120V or 220V~240V 3600W Max				100V~120V 4000W Max or 220V~240V 5000W Max	
	Peak Power	7000W					
	Frequency	50Hz / 60Hz					
DC Output	USB-A	5V/3A: 9V1.8A; 12V/1.5A (18W Max)					
	USB-C	5V/3A: 7V/2.4A; 9V/1.8A; 12V/1.5A(18W Max)					
Input	AC Charge	90V~140V 50Hz/60Hz 16A Max 1800W Max or 1 90V~250V 50Hz/60Hz 13A Max 2500W Max					
	PV(Anderson)	12V~148V MPPT: 18V~140V 15A Max 2100W Max					
IP Grade		IP54					
Working Temperature		0°C~40°C / 0°F~104°F					
Dimensions		852.5*512*502mm					
Net Weight		55.1kg				68.3kg	
Warranty		3 Years					
Certifications		CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE					

BAT Series Extra Battery

ZECO-PPS-EB-2500



ZECO-PPS-EB-2500-V2



ZECO-PPS-EB-5000



ZECO-PPS-EB-7200



Battery Type	LiFePO4			
Cycle Life	3500+ cycles, about 10 years if one charge per day			
Battery Capacity	2048Wh(51.2V 40Ah)	2048Wh	5040Wh(48V 105Ah)	4608Wh(51.2V 90Ah)
Battery Pack Applicable to	S1 / S2 / S3 / W3 / PPS-C2048H	S2 V2 / S3 V2	S5 / W5	HP6000 V2
Battery Port Output	44V-56.5V	41.2V-53.5V	41.2V-53.5V	42.65V-56.5V
Working Temperature	32°F-104°F (0°C-40°C)			
Storage Temperature	-4°F-140°F (-20°C-60°C)			
Cigarette Lighter Output	12V10A 120W	/	/	/
USB-A Output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	/	/	/
USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A;20V/5A [100W Max]	/	/	/
Anderson Output	12V/30A	/	/	/
PV(Anderson)Input	12-148Vd.c MPPT:18V-140V 15A Max 2100W Max	/	/	/
Extra Battery Port Input	44V-56.5V		41.2V-53.5V	40V-56.5V
Car Charge Input	12V-15V 8A Max	/	/	/
Compatible Models	S1 & S2 & S3 & W3 (15pcs Max) PPS-C2048H (8pcs Max)	S2 V2 S3 V2(8pcs Max)	S5 & W5 (15pcs Max)	HP6000(8pcs Max)
Dimension	460*270*255mm	410.5*270.3*213.3mm	641.5*304.5*437.5mm	629.74*412.5*251.97mm
Net Weight	19kg	16.05kg	43.85kg	36.3kg
Warranty	3 Years			
Certifications	CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE			

PV Series Solar Panels

<div> ZECO-PV100 X1  </div> <div> ZECO-PV240 X1  </div>	Rated Power	100W	240W	360W
	Cell Efficiency	23%	23%	25%
	Open Circuit Voltage	24.6V	24.6V	36V
	Short Circuit Current	5.27A	12.3A	12.72A
	Maximum Operating Voltage	20.5V	20.5V	30.0V
	Maximum Operating Current	4.88A	11.7A	12.00A
	Dimension	555*590*50mm(folded) 1110*590*35mm(unfolded)	665*590*60mm(folded) 2529*590*35mm(unfolded)	656*770*30mm(folded) 2483*770*25mm(unfolded)
	Operating Temperature Range	-20°C-85°C	-20°C-85°C	-20°C-60°C
	Net Weight/ Gross Weight	4.5kg / 6kg	8.5kg / 11kg	10.9kg/16kg
	IP Grade	IP65		IP68

Solar Charging



Balcony System



Alternator Charger

DC800



Charge Mode	Input	12Vdc/24Vdc(11Vdc-31Vdc)
	Output	40Vdc-60Vdc, 800W Max
Reverse Charge Mode	Input	44.6Vdc-60Vdc
	Output	14.2Vdc/27.6Vdc, 800W Max
Battery Maintenance Mode	Input	44.6Vdc-60Vdc
	Output	14.2Vdc/27.6Vdc, 100W Max
Rated Current of Fuse Cable	125A	
Protection Type	Overcurrent Protection, Short Circuit Protection, Over Voltage Protection, Under Voltage Protection, High Temperature Protection, Low Temperature Protection.	
Cable Guage	7AWG(10mm²)	
Working Temperature	-4°F-140°F (-20°C-60°C)	
Storage Temperature	-22°F-158°F (-30°C-70°C)	
Storage Humidity	≤95%	
Dimension	272.5*152.5*79.6mm	
Net Weight	1.11kg	
Warranty	3 Years	
Certifications	CE / RoHS / UKCA / SAA / UL 2743 / FCC / PSE	

300W

600W

700W

1200W

1500W

1800W

2000W

2400W

2500W

3000W

3600W

5000W

7200W

One-Stop Customization Expert for Energy Storage
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