



### Performance Features

- High power MPPT design
- Maximum 200/10kw charge/discharge capability
- UPS level switching speed
- 14.33kWh of power, providing a whole day's power for the family
- Support parallel use of multiple all-in-one units
- Plug-and-use, 30-minute quick installation, saving time, labor and space
- Three-level protection for cells, battery packs and system

Models	OF3K23016S00	OF6K23016S00	OF10K23016S00	TS-HES6K23016S00
Off-grid output				
Rated output power	3600W	6000W	10000W	6000W
Pea kpower	7200W	12000W	20000W	12000W
Rated output voltage	230Vac(220/240Vac configurable)			
Output frequency range	50Hz±0.3Hz/60Hz±0.3Hz			
Switching time	10ms(typicalvalue)			
On-grid output				
Rated output power	notsupport			6000W
maximum output power	notsupport			6000W
maximum output current	notsupport			24A
Total harmonic voltage	notsupport			<3%linear load
Total harmonic current	notsupport			<3
Power factor	notsupport			1
Battery				
Battery type	LiFePO4			
Series-union relation	16S1P			
Rated capacity	280Ah			
Factory voltage	51.2V-53V			
Discharge termination voltage	40V			
Charging voltage	57.6V			
maximum charging current all owed	200A			
Photovoltaic input				
MPPT route	1	1	2	2
Maximum input power	4000W	6000W	10000W	4500W*2
Maximum input current	27A	27A	27A	16A
Photovoltaic input				
MPPT tracking efficiency	>99%			
Maximum efficiency of mains charging	0.92			
Basicparameter				
Number of parallel machines	1~6			
Size	1350*710*240mm			
Weight	125kg(3091b)			
Protection Class	Ip52			
Operating temperature range	-10-55℃			
Humidity range	5%-95%			
Noise	≤60dB			
Warranty period	5year			
Built-inport	RS485/CAN/Drycontact			
External module(optional)	Wi-Fi/GPRS			



### Performance Features

- High power MPPT design
- Maximum240A/12kw charging and discharging capacity.
- UPS level switching speed
- Prefabricated battery and meter communication cables, saving installation time.
- Support parallel connection of mutple inverters
- Compatible with a variety of brands of battery models, providing customers with more battery options.
- Integrated battery protection function to extend battery life

Models	3K	6K	11K
Max. usable PV input power	3kW	6kW	11kW
Max. input voltage	500V		
Rated input voltage	380V		
Start-up voltage	75V		
MPPT voltage range	75-450V		
Max. short circuit current	27A	27A	27A/27A
MPPT number/Max.input strings number	1	1	2
Suitable battery types	Li-ion / Lead-acid		
Rated battery voltage	48V		
Battery capacity	≥100Ah		
Max. charge / discharge power	3kW	6kW	11kW
Max. charge / discharge current	60A	120A	200A
Communication	CAN/RS232/RS485		
Charge voltage range	170-264V		
Max.input current	20A	31.4A	50A
Rated grid frequency	50Hz/60Hz		
Rated output power	3kW	6kW	10kW
Surge capacity	4.5kVA,160sec	9kVA,10sec	15kVA,10sec
Transfer time	<10ms		
Rated output voltage	1/N/PE,220V/230V		
Rated grid frequency	50Hz/60Hz		
Max. output current	13.7A	27.3A	50A
THDv (@linear load)	<3%		
Inverter maximum efficiency	>97.0%		
Maximum charge/discharge efficiency of the battery	>94.33%/93.51%		
Output over voltage protection	Yes		
Short circuit protection	Yes		
Integrated AFCI	Optional		
Temperature protection	Yes		
Output over current protection	Yes		
Weight	13kg	15kg	25kg
Topology	High frequency non-isolation		
Operating ambient temperature range	-25 ~ +60℃		
Ingress protection	Ip54		
Noises	<50dB(A)		
Heat dissipation	Cooling method		
Max. operation altitude	3000m		
Safety standard	IEC/EN 62109-1/-2,EN 61000-6-1/-2/-3/-4		
Display	LED+APP		
Built-inport	RS485/CAN/Wi-Fi/GPRS/LAN		



**Highly integrated**  
Increase energy density using the latest lithium iron phosphate (LFP) technology

**Great Performance**  
Up to 1C continuous charging and discharging power

**Good expandability**  
Modular design, up to 15 batteries in parallel

**All-day monitoring**  
APP monitors battery charging and discharging in real time

Models	PW512280A	PW512200A	PW512100A
Rated voltage (V)	51.2V	51.2V	51.2V
Energy (Wh)	14336Wh	10240Wh	5120Wh
Rated capacity (Ah)	280Ah	200Ah	100Ah
Charge cutoff voltage (V)	58.4V	58.4V	58.4V
Standard charging current (A)	140A	100A	50A
Max charging current (A)	200A	200A	100A
Discharging cutoff current (A)	5.6A	4A	2A
Discharging cutoff voltage (V)	43.2V	43.2V	43.2V
Standard continuousdischarging current (A)	140A	100A	50A
Max dischargingcurrent (A)	200A	200A	100A
Resistance (mΩ)	≤50 mΩ		
insulation resistance	500V≥ 500M Ω		
Discharging temperature range(℃)	-20 ~ 55℃		
Charging temperature range (℃)	0 ~ 55℃		
Storage temperature range (℃)	-30 ~ 35℃		
Storage environment humidity rate (RH)	5%-85%		
Operating environment humidity rate (RH)	≤85%		
Max Operating Altitude	2000m		
Delivered product's charged energy	Delivered product with 50%-60%charged		
Warranty	five years		
Cycles life (25±2℃ 80%DOD,0.5C)	6000	6000	3000
Battery size (mm)	1100*700*265mm	600*500*230mm	580*480*160mm
Battery Weight(Kg Estimation)	50 Kg	90 Kg	115Kg

## Networked Charging Pile With Display Screen

Model: TS-PSAC4001632A-Type2

- National standard 7-hole plug, which is compatible with 3.5 kW/ 7 kW and is cable to NEVs in the market
- 5 m line length, 0-16 A and 0-32 A current for high-efficiency fast charging, encrypted card for authorize charging
- 4.3-inch LCD screen +LED light to display the charging power, electricity quantity and charging progress
- Third-generation processing chip, 12fold protection function, fire prevention and flame retardant, ensure safe charging

**16/32A**  
Current

Suitable for energy storage power supply

LCD status screen display

National standard 7-hole plug



## NEV V2L Discharging Strip 16 A

- 3.5 kW high power and strong adaptability
- Compact shape and light weight, make travel convenient
- Adapt to various household appliances, and support plug and play
- With a 2.5 mm<sup>2</sup> wire diameter, it is safe and reliable



**PISEN**



# PISEN NEW ENERGY Power your life

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Alibaba Website





## Super Quick Charging Power Station 2000

### Model: TS-OPS10

- 2,000W equipment can be driven with 2.1 kWh, power is sufficient for camping and power failure
- Support AC 1,500 W / car charger/solar energy input, which can realize fast self - charging and efficient travel
- Support the synchronous charging of 11 devices
- Patented magnetic 1.5 W lighting lamp, which can be designed to be detachable to facilitate outdoor lighting

Model	TS-OPS10
Battery Type	LiFePO4
Capacity	2150.4Wh
Operating Voltage	37.8-51.1V DC
Input Frequency	50/60Hz
Charging Current	40A Max.
Discharging Current	60A Max.
Operation Temperature	Charging 0-45°CDischarging-10-45°C
Working Altitude	2000m
Battery Life Cycles	2000+ Cycles to 80% Original Capacity
Weight	28.3kg
Dimension(L xW x H)	465mm*300mm*310mm
Installation Method	Floor standing
Compliance	CE,ROHS,UN38.3;UL,FCC

PV Input	10-36V 15A 500W Max
AC Input	200-240V 1500W Max(EU);100-120V 1200W Max(US)
Car DC Input	12/24V 10A 240W Max

AC Output Port	2000W Max(Peak 4800W)
USB-A Output	2 ports 18W Max
USB-C Output	1 ports 100W Max;1 ports 65W Max
DC5521	DC 12V10A Max
Cigarette Lighter	DC 12V10A Max



## Super Quick Charging Power Station 1000

### Model: TS-OPS02

- 1,008 Wh large capacity, meet household power failure emergency/outdoor travel without fear of power failure
- Car charger /AC/Type - C/USB/DC output, support 9 devices to be charged at the same time
- XT60 port can be connected to the solar panel for charging, with patented detachable magnetic lamp

Model	TS-OPS02
Battery Type	LiFePO4
Capacity	1008Wh
Operating Voltage	18.55-25.55V DC
Input Frequency	50/60Hz
Charging Current	40A Max.
Discharging Current	60A Max.
Operation Temperature	Charging 0-45°CDischarging-10-45°C
Working Altitude	2000m
Battery Life Cycles	2000+ Cycles to 80% Original Capacity
Weight	12.8kg
Dimension(L xW x H)	360mm*225mm*230mm
Installation Method	Floor standing
Compliance	CE,ROHS,UN38.3;UL,FCC

PV input	10-48V 10A 400W Max
AC Input	200-240V 860W Max(EU);100-120V 860W Max(US)
Car DC Input	12/24V 10A 120W Max

AC Output Port	1000W Max(Peak 2000W)
USB-A Output	2 ports 18W Max
USB-C Output	1 ports 100W Max;1 ports 20W Max
DC5521	DC 12V10A Max
Cigarette Lighter	DC 12V10A Max



## WILD 600

### Model: TS-OPS04

- 540Wh large capacity, which can easily meet the electricity demand of power failure/camping/live broadcast, etc.
- There are five AC/DC/Type - C/USB/car charger output ports, all of which can supply power at the same time.
- Patented detachable magnetic LED lighting, which is more convenient for outdoor work.

Model	TS-OPS04
Battery Type	LMO
Capacity	540Wh
Operating Voltage	16.8-25.2V DC
Input Frequency	50/60Hz
Charging Current	15A Max.
Discharging Current	40A Max.
Operation Temperature	Charging 0-45°CDischarging-10-45°C
Working Altitude	2000m
Battery Life Cycles	800+ Cycles to 80% Original Capacity
Weight	7.9kg
Dimension(L xW x H)	300mm*195mm*230mm
Installation Method	Floor standing
Compliance	CE,ROHS,UN38.3;UL,FCC

PV input	12-30V 7.5A 150W Max
AC Adapter	150W Max
PD Input	20V5A 100W Max
Car DC Input	12/24V 10A 120W Max

AC Output Port	600W Max(Peak 1200W)
USB-A Output	1 ports 18W Max;1 ports 12W Max
USB-C Output	1 ports 100W Max;1 ports 20W Max
DC5521	DC 12V10A Max
Cigarette Lighter	DC 12V10A Max



## Power Station 600

### TS-OPS20

#### Performance Features

- 540Wh large capacity, which can easily meet the electricity demand of power failure/camping/live broadcast, etc.
- There are five AC/DC/Type - C/USB/car charger output ports, all of which can supply power at the same time.
- Patented detachable magnetic LED lighting, which is more convenient for outdoor work.

Model	TS-OPS20
Battery Type	LMO
Capacity	540Wh
Operating Voltage	16.8-25.2V DC
Input Frequency	50/60Hz
Charging Current	23A Max.
Discharging Current	40A Max.
Operation Temperature	Charging 0-45°CDischarging-10-45°C
Working Altitude	2000m
Battery Life Cycles	800+ Cycles to 80% Original Capacity
Weight	7.9kg
Dimension(L xW x H)	300mm*195mm*230mm
Installation Method	Floor standing
Compliance	CE,ROHS,UN38.3;UL,FCC

PV input	12-30V 10A 200W Max
AC Input	200-240V 500W Max(EU);100-120V 500W Max(US)
Car DC Input	12/24V 10A 120W Max

AC Output Port	600W Max(Peak 1200W)
USB-A Output	1 ports 18W Max;1 ports 12W Max
USB-C Output	1 ports 100W Max;1 ports 20W Max
DC5521	DC 12V10A Max
Cigarette Lighter	DC 12V10A Max



### PISEN INV 1000-48V/ 60V

Performance Features- About 3.5 kg, lightweight and portable

- 4 interfaces and 5 ports for power supply
- Eightfold protection, maintenance - free battery, no storage risk
- Replace the battery to achieve “unlimited battery life” and no upper limit for capacity expansion
- 1,000 W high power, and support the upgraded driving of 1,800 W heating equipment to be detachable to facilitate outdoor lighting

Model	PISEN INV 1000-48V / 60V
<b>Battery</b>	
Battery type	Li-ion/Lead-acid
Rated battery voltage	48V 40-58V / 60V 51-73V
Battery capacity	> 20Ah
Max. dis charge power	48V 1200W / 60V >1200W
<b>DC Output</b>	
USB	PD45W+QC18W
Cigarette Lighter	12V10A 120W Max
<b>Inverter Output</b>	
Rated output power	1000W
Surge capacity	2000W 1s
Rated output voltage	1/N/PE,220V/230V
Rated grid frequency	50Hz
Max.output current	5A
THID	<3%
<b>Efficiency</b>	
Inverter maximum efficiency	>92.0%
<b>PROTECTION</b>	
Output over voltage protection	YES
Short circuit protection	YES
Integrated AFCI	YES
Temp erature protection	YES
Outputover current protection	YES
<b>Basicparameter</b>	
Dimensions(W*H*D)	120*346.6*444.7mm
Weight	4.7kg
Topology	Highfrequency non-isolation
Operating ambient temperature range	-10~-+45°C
Noises	<50dB(A)
Heat dissipation	Cooling method
Max.operationaltitude	2000m