



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	OF3K23016500	OF6K23016500	OF10K23016500	TS-HES6K23016500
Off-grid output				
Rated output power	3600W	6000W	10000W	6000W
Peak power	7200W	12000W	20000W	12000W
Rated output voltage	230Vac(220/240Vac configurable)			
Output frequency range	50Hz±0.3Hz/60Hz±0.3Hz			
Switching time	10ms(typical value)			
On-grid output				
Rated output power	not support		6000W	
maximum output power	not support		6000W	
maximum output current	not support		24A	
Total harmonic voltage	not support		<3%	linear load
Total harmonic current	not support		<3	
Power factor	not support		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			
Basic parameter				
Number of parallel machines	1~6			
Size	1350*710*240mm			
Weight	125kg(309lb)			
Protection Class	IP52			
Operating temperature range	-10-55°C			
Humidity range	5%-95%			
Noise	≤60dB			
Warranty period	5 years			
Built-in port	RS485/CAN/Drycontact			
External module(optional)	Wi-Fi/GPRS			



Performance Features

- High power MPPT design
- Maximum 240A/12kw charging and discharging capacity.
- UPS level switching speed
- Prefabricated battery and meter communication cables, saving installation time.
- Support parallel connection of multiple 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%	>97.5%	
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°C		
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-in port	RS485/CAN/Wi-Fi/GPRS/LAN		



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
- 5m line length, 0-16 A and 0-32 A current for high-efficiency fast charging, encrypted card for authorization charging
- 4.3-inch LCD screen + LED light to display the charging power, electricity quantity and charging progress
- Third-generation processing chip, 12-fold protection function, fire prevention and flame retardant, ensure safe charging

16/32A Current

Suitable for energy storage power supply

LCD 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 mm² wire diameter, it is safe and reliable



National service hotline

+86 180 8115 6991

Website

<http://www.pisenenergy.com>

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AliBaba Website

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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°C Discharging-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°C Discharging-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°C Discharging-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°C Discharging-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
Battery	
Battery type	Li-ion/LiFePo4
Rated battery voltage	48V 40-58V 60V 73V
Battery capacity	>20Ah
Max. dis charge power	48V 120W 60V 60W >20W
DC Output	
USB	PD 5V+QC18W
Cigarette Lighter	12V10A 120W Max
Inverter Output	
Rated output power	1000W
Surge capacity	2000W/1s
Rated output voltage	110/120/220/230V
Rated grid frequency	50Hz
Max.output current	5A
THID	<3%
Efficiency	>92.0%
PROTECTION	
Output over voltage protection	YES
Short circuit protection	YES
Integrated AFCI	YES
Temperature protection	YES
Output over current protection	YES
Basic parameter	
Dimensions(W*H*D)	1120*346*447mm
Weight	4.7kg
Topology	High frequency isolation
Operating ambient temperature range	-10~+45°C
Noises	<50dB(A)
Heat dissipation	Cooling method
Max.operational altitude	2000m