

# Solar Energy System

OVERSEAS TRADING CENTER

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## PS-D500A

### Features:

energy system PS-D500A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure
- 2) DC 12V5A ,AC 220V 3 holes socket, LCD screen

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D500A	2*130w poly	12V150A	12V20A	220V 500W Sine Wave



### Loads reference:

Loads	Wattage	Using hours after full charged/Load	Note
CFL lamp	40W	About 45 hours	Charging time may vary with different sunshine duration
Computer	150W	About 12 hours	
Refrigerator	150W	About 12 hours	

## PS-D1000A

### Features:

energy system PS-D1000A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure with colorful PMMA faceplate
- 2) DC 24V5A and AC 220V 3 holes socket
- 3) LCD screen with time set function, max output 1kw, surge power 2kw., flat or pitched roof type mounting brackets included



### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D1000A	4*250w Poly	24V200Ah (2*12V200Ah)	24V40A	1kw sine wave

### Loads reference:

Loads	Wattage	Using hours after full charged/Load	Note
CFL lamp	40W	About 120 hours	Charging time may vary with different sunshine duration
TV set	50W	About 96 hours	
Electric fan	80W	About 60 hours	
Washing Machine	750W	About 6.5 hours	

## PS-D1500A

### Features:

1.5KW solar energy system PS-D1500A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure
- 2) AC 220V output, max output 1.5kw, surge power 3kw, mounting system included

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D1500A	6*250w Poly	48V200Ah(4*12V200Ah)	48V40A	220V 1500w sine wave

### Loads reference:

Loads	Wattage	Using hours after full charged/Load	Note
CFL lamp	40W	About 240 hours	Charging time may vary with different sunshine duration
TV set	50W	About 190 hours	
Electric fan	150W	About 64 hours	
1Hp air conditioner	750W	About 10 hours	



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## PS-D2000A

### Features:

OTC 2KW solar energy system PS-D2000A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure
- 2) AC 220V output, max output
- 3) Flat or pitched roof type mounting brackets included

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D2000A	8*250w Poly	48V250Ah (4*12V250Ah)	48V40A	2kw sine wave

### Loads reference:

Loads	Wattage	Using hours after full charged/Load	Note
CFL lamp	40W	About 300 hours	Charging time may vary with different sunshine duration
TV set	50W	About 240 hours	
Electric fan	150W	About 80 hours	
1Hp air conditioner	750W	About 12 hours	



## PS-D3000A

### Features:

OTC 3KW solar energy system PS-D3000A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure, separate battery cabinet
- 2) AC 220V output, max output 3kw, surge power 6kw
- 3) 1 set of combiner box, flat or pitched roof type mounting brackets included

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D3000A	12*250w Poly	48V400Ah(8*12V200Ah)	48V80A	3kw sine wave

### Loads reference:

Loads	Wattage	Using hours after full charged/Load	Note
CFL lamp	40W	About 480 hours	Charging time may vary with different sunshine duration
TV set	50W	About 384 hours	
Electric fan	150W	About 128 hours	
2Hp air conditioner	1500W	About 10 hours	



## PS-D4000A

### Features:

OTC 4KW solar energy system PS-D4000A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure, AC 220V output
- 2) Max output 5kva, surge power 7.5kva
- 3) 1 set of combiner box, flat or pitched roof type mounting brackets included

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D4000A	16*250w Poly	48V600Ah(24*2V600Ah)	48V80A	5KVA sine wave

### Loads reference:

Loads	Wattage	Using hours after full charged/Load	Note
CFL lamp	40W	About 480 hours	Charging time may vary with different sunshine duration
TV set	50W	About 384 hours	
Electric fan	150W	About 128 hours	
2Hp air conditioner	1500W	About 10 hours	



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## PS-D5000A

### Features:

OTC 5KW solar energy system PS-D5000A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure, AC 220V output
- 2) Max output 5kva, surge power 7.5kva
- 3) 2 sets of combiner box, flat or pitched roof type mounting brackets included

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D5000A	20*250w Poly	48V800Ah (24*2V800Ah)	48V80A	5KVA sine wave



Description: This 5KW system can typically generate 20KWH electric power in the condition of 4 hours as average sunshine duration in the area. The battery bank capacity is 38KWH which could be charged fully by solar panels in 2 fine days.



## PS-D10000A

### Features:

OTC 10KW solar energy system PS-D10000A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure, AC 220V output
- 2) Max output 10kva, surge power 15kva, 2 sets of combiner box
- 3) Flat or pitched roof type mounting brackets included

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D10000A	40*250w Poly	220V300Ah (110*2V300Ah)	220V50A	10KVA sine wave

Description: This 10KW system can typically generate 40KWH electric power in the condition of 4 hours as average sunshine duration in the area. The battery bank capacity is 66KWH which could be charged fully by solar panels in 2 fine days.

## PS-D20000A

### Features:

OTC 20KW solar energy system PS-D20000A can be used for cell phone charging, lighting, TV, other AC and DC devices

- 1) Hot dip galvanized metal enclosure, AC 220V output
- 2) Max output 20kva, surge power 30kva, 2 sets of combiner box
- 3) Flat or pitched roof type mounting brackets included

### Technical specification:

Model	PV Panel	Lead-Acid Battery	Controller	Inverter
PS-D20000A	80*250w Poly	220V600Ah (110*2V600Ah)	220V100A	20KVA sine wave



Description: This 20KW system can typically generate 80KWH electric power in the condition of 4 hours as average sunshine duration in the area. The battery bank capacity is 132KWH which could be charged fully by solar panels in 2 fine days.