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LFS-MSP3000 home solar power system

LFS-MSP3000W/48V home solar power system (named M3000 system for short) is one of the classic solar power product that developed by our company. It can be used as home illumination as well as power supply for home digital products, air-condition, refrigerator, TV, electric fan, computer and so on. Especially suit for the families without electric supply or shortage of it.





A. It is with following power output/input ports:

- 1) LCD display
- 2) DC 48V power output port X1
- 3) AC 100V or 220V output port X 2
- 4) Solar power input X1
- 5) AC adapter input X1
- 6) Extra battery input X1



B. Quotation

Item	Photo	Basic configuration	Quotation (USD)	MOQ
LFS-MSP3000 A	 <p>Dimention: 600mm (W) *600mm (D) *1100mm (H)</p>	<p>1.solar panel:1440Wp/72V(180W*8pcs), with cable without holder.</p> <p>2. battery: 4*150Ah/12V deep cycle battery</p> <p>3.inverter:3000W/220V power Frequency pure-sine wave</p> <p>4. controller: 50A/48V multi-function</p> <p>5.output: 2*AC sockets, 1*DC socket, solar panel 50A socket</p> <p>(The panel can generator 4.3KWh/day, battery capacity is 7.2KWh)</p>	3530	15
LFS-MSP3000 B	 <p>Dimention: 600mm (W) *600mm (D) *1100mm (H)</p>	<p>1.solar panel:2160Wp/72V(180W*12pcs),, with cable without holder.</p> <p>2. battery: 4*240Ah/12V deep cycle battery</p> <p>3.inverter:3000W/220V power frequency, pure-sine wave</p> <p>4. controller: 50A/48V multi-function</p> <p>5.output: 2*AC sockets, 1*DC socket solar panel 50A socket</p> <p>(The panel can generator 6.5KWh/day, battery capacity is 11.5KWh)</p>	4598	15

1. Delivery term: FOB Shenzhen, MOQ 15 PCS.
2. Payment term: 30% TT in advance,70% balance TT pay before delivery
3. Leading time: 4 Weeks.
4. Warranty: one year (without include battery) .
5. Quotation valid: on or before Sep. 30, 2013

C. Main Feature:

1. This system has two AC100V or AC220V output. (The output voltage and frequency can be adjusted as customer required).The output socket is three core socket (or choose as customer required).The rated power of AC output is 3000W.
2. System protection: it has the functions of overload protection, short circuit protection, over heat protection etc. when it is protected, the system will warning and then turn off automatically.



- 4. Different battery capacity can be chose from 100Ah to 260Ah, different solar panel can be chose from 720W-3600W.
- 5. LCD directly show you the input/output voltage, frequency, loading percentage etc.

D. The charging time and discharging time of the system:

Solar Panel	Battery	Charge time (Hour)	Remark
1440W	150Ah/48v	8.5	The effective sunshine time everyday is 5hours
2160W	240Ah/48v	9	

E. Discharge time after the battery full charged:

Battery	Loading	Work time(hour)
150Ah /48v	8pcs 3W LED+ 180L refrigerator(compressor about 80W) + 2 fan(80W) +32 inch LCD TV(60W)	28
	8pcs 3W LED+ 180L refrigerator (compressor about 80W)+ 1P air conditioner (735W)+32 inch LCD TV(60W)	12.5
240Ah/ 48v	8pcs 3W LED+ 180L refrigerator(compressor about 80W) + 2 fan(80W) +32 inch LCD TV(60W)	45
	8pcs 3W LED+ 180L refrigerator (compressor about 80W)+ 1P air conditioner (735W)+32 inch LCD TV(60W)	20

F. Packing:

20' container: 15 pcs LFS-MSP3000 A;

40' container: 35 pcs LFS-MSP3000 A.