Protect your lifestyle against power outages!
SOLAR OFF-GRID SYSTEM

DC Series

Economical, convenient, reliable and durable!

SS-xxWxx-xxVxx
AC M
Battery capacity
Battery voltage
Panel voltage
Panel power
Solar system
SUMEC
FM/MP3
AC output

DC Series Features:
- DC output: 5V, 12V
  5V: for mobile phone (USB connector)
  12V: for LED lamps, DC TV, DC fan, etc.
- Max. current output: 5V USB 1A, 12V DC 6A
- Panel equipped with LCD display of working status
- Panel equipped with switches for all output to save power
- Panel equipped with 12V DC charging input connector
## Solar Off-Grid System

### DC+MP3 Series

**Enjoy your life!**

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<table>
<thead>
<tr>
<th>No.</th>
<th>Model</th>
<th>Configuration</th>
<th>Fully Charging Time</th>
<th>Lamps 12V/15W DC Fan</th>
<th>Lamps 12V/30W DC TV</th>
<th>Lamps 70W/231* AC TV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>S-1</td>
<td>1. Solar panel: 8W 18V 2. Battery: 12V 4.5AH 3. Controller: 12V/10A 4. DC output: 4<em>DC 12V/2</em>USB5V 5. LED lamps: 3W*2pcs 6. Phone adapter: 1A 7. With LCD display of working status 8. With switches for all output to save power 9. With 12V DC charging input connector</td>
<td>8.0-10.3h</td>
<td>7.8h</td>
<td>2.3h</td>
<td>1.1-1.5h</td>
</tr>
</tbody>
</table>

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DC + MP3 Series Features:
- DC output: 5V, 12V
- 5V: for mobile phone (USB connector)
- 12V: for LED lamp, DC TV, DC fan, etc
- Max. current output: 5V USB 1A, 12V DC 5A
- Supply FM and MP3 player (MP3 needs inserting USB memory card)
- Panel equipped with LCD display of working status
- Panel equipped with switches for all output to save power
- Panel equipped with 12V DC charging input connector

<table>
<thead>
<tr>
<th>No</th>
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<th>Allocation</th>
<th>Fully Charging Time</th>
<th>Using Time</th>
</tr>
</thead>
</table>
| 3  | SS-20W12VDC | 1. Solar panel 25W 18V  
 2. Battery: 12V 7AH  
 3. Controller: 12V 10A  
 4. DC output: 4*DC12V2A*USB6V  
 5. LED lamp: 3W*4pcs  
 6. phone adapter (1A)  
 7. With LCD display of working status  
 8. With switches for all output to save power  
 9. With FM/MP3 player  
 10. With 12V DC charging input connector | 9-10h | 12V/15W DC FAN  
 12V/30W DC TV | 3.5-4.5h | 70W/27" AC TV |
| 4  | SS-40W12VDC | 1. Solar panel 40W 18V  
 2. Battery: 12V 20AH  
 3. Controller: 12V 10A  
 4. DC output: 4*DC12V2A*USB6V  
 5. LED lamp: 3W*4pcs  
 6. phone adapter (1A)  
 7. With LCD display of working status  
 8. With switches for all output to save power  
 9. With FM/MP3 player  
 10. With 12V DC charging input connector | 15-16h | 16.5-17.5h | 7.5-8.5h | NA |
SOLAR OFF-GRID SYSTEM
AC+DC+MP3 Series

New power, New life!

AC+DC+MP3 Series Features:

- DC output: 5V, 12V
- 5V: for mobile phone (USB connector)
- 12V: for LED lamp, DC TV, DC fan, etc
- Max. current output: 5V USB 1A, 12V DC 6A
- AC output: 110V, 120V, 220V, or 230V (only one voltage)
- Supply FM and MP3 player (MP3 needs inserting USB memory card)
- Panel equipped with LCD display of working status
- Panel equipped with switches for all output to save power
- Panel equipped with 12V DC charging input connector
### FM / Mp3 PLAYER

#### Solar Off-Grid System

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<th>Using Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lamps</td>
<td>12V/15W DC Fan</td>
</tr>
</tbody>
</table>
| **5** | AC+DC+MP3 | SS-AC01Y | 1. Solar panel: 40W 18V
2. Battery: 12V 20Ah
3. Controller: 12V 10A
4. DC output: 4*DC12V*2*USB5V
5. Inverter: 300W
6. LED lamp: 3W*2pcs, 5W*2pcs
7. phone adapter(1A)
8. With LCD display of working status
9. With switches for all output to save power
10. With FM/Mp3 playing
11. With AC output:110V/120V/220V/230V (only one voltage)
12. With 12V DC charging input connector | 8.0-10.0h | 12-13h | 15.5-16.5h | 7.5-8.5h | 2.5-3.5h |
| **6** | AC+DC+MP3 | SS-AC01Y | 1. Solar panel: 100W 18V
2. Battery: 12V 50Ah
3. Controller: 12V 10A
4. DC output: 4*DC12V*2*USB5V
5. Inverter: 300W
6. LED lamp: 3W*2pcs, 5W*2pcs
7. phone adapter(1A)
8. With LCD display of working status
9. With switches for all output to save power
10. With FM/Mp3 playing
11. With AC output:110V/120V/220V/230V (only one voltage)
12. With 12V DC charging input connector | 8.0-10.0h | 27-29h | 37-39h | 18-19h | 6-7h |

### Quiet, Green Power!
AC + DC Series Features:

- DC output: 3.3V, 5V, 8.4V, and 12V
  - 3.3V: for radio
  - 5V: for mobile phone (USB connector)
  - 8.4V: for digital camera
  - 12V: for LED lamp, DC TV, DC fans, etc.
- AC output: 110V, 120V, 220V, or 230V (only one voltage)
AC + DC Series Features:
(normally without battery & solar panel)

- DC output: 3.3V, 5V, 8.4V, and 12V
  - 3.3V: for radio
  - 5V: for mobile phone (USB connector)
  - 8.4V: for digital camera
  - 12V: for LED lamp, DC TV, DC fans, etc.
- AC output: 110V/120V/220V, or 230V (only one voltage)
- Battery is connected externally
- More powerful
- Can start refrigerator, air conditioner, small electric water pump, etc.

<table>
<thead>
<tr>
<th>No.</th>
<th>MODEL</th>
<th>INVERTER</th>
<th>CONTROLLER</th>
<th>BATTERY SUPPORT</th>
<th>SOLAR SUPPORT</th>
<th>OUTPUT VOLTAGE</th>
<th>BOX WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SS-1200</td>
<td>1200W</td>
<td>12V100A</td>
<td>12V1500AH</td>
<td>18V1800W</td>
<td>220V/12V 8.4V 5V 3.3V</td>
<td>9.85KG</td>
</tr>
<tr>
<td>10</td>
<td>SS-1500</td>
<td>1500W</td>
<td>12V150A</td>
<td>12V2250AH</td>
<td>18V2700W</td>
<td>220V/12V 8.4V 5V 3.3V</td>
<td>14.2KG</td>
</tr>
<tr>
<td>11</td>
<td>SS-3000</td>
<td>2000W</td>
<td>12V200A</td>
<td>12V3000AH</td>
<td>18V3600W</td>
<td>220V/12V 8.4V 5V 3.3V</td>
<td>14.56KG</td>
</tr>
<tr>
<td>12</td>
<td>SS-3000</td>
<td>3000W</td>
<td>48V50A</td>
<td>48V750AH</td>
<td>72V3600W</td>
<td>220V/110V 60Hz/50Hz</td>
<td>10.8KG</td>
</tr>
</tbody>
</table>

Remark:
1. The parameter of the solar panel & battery refers to the max. parameter the system machine be able to support, the final power of the matching solar panel & battery can be lower as required by customers.
2. The controller in FS-5614 is MPPT controller
3. For some models, the AC output of 110V/220V together with the frequency(50Hz and 60Hz), and the input power(12V/24V) can be switched on the inverter module

INVERTER: PURE SINE WAVE