

## 660WH Solar Power System



| Model:3HZ-DC660WH       |                                                                                            |                              |                                 |
|-------------------------|--------------------------------------------------------------------------------------------|------------------------------|---------------------------------|
| Solar panel             | Peak power: 120W                                                                           | Max.power voltage: 18.3V     | Max.power current: 6.52A        |
| Charge controller (PWM) | Rated charging current: 12V/10A                                                            | Max. PV array power: 120W    | Max. PV input voltage: 30V      |
| Lead-acid battery       | Battery capacity: 660WH(55AH)                                                              | Battery voltage: 12V         | Recommend discharge: 60%        |
| DC output               | DC Output: 12V/10A (Max.)                                                                  | USB Output: 5V/ 2A (Max.)    | Ports: USBX2pcs DC12Vx7pcs      |
| System protection       | Low voltage protection                                                                     | Load overload protection     | Load short circuit protection   |
| Charging mode           | Solar panels charging                                                                      | AC charging (Optional)       | Car charging (Optional)         |
| Charging time           | By PV charging about: 5~6 hours                                                            | AC charging about: 5~6 hours | Car charging about : 5~6hours   |
| Work environment        | Work temp range: -10°C~55°C                                                                | Humidity range: ≤95% N.C.    | Recommended temp range: 20~25°C |
| Standard configuration  | Host integration: 1 piece                                                                  | Solar panel: 1 piece         | Solar panel cables : 5m         |
| Host Spec.              | Product size: 240x198x298mm                                                                | Carton size: 260x218x318mm   | Weight: 20.5kg                  |
| Solar panle Spec.       | Product size: 1150x674x30mm                                                                | Carton size: 1160x684x35mm   | Weight: 9kg                     |
| Optional accessories    | AC charger, Car charger, Solar panel bracket, LED Lamps, DC Fan, DC TV, External inverter. |                              |                                 |

| Battery constant current(AMP) and constant power(Watt) discharge table at 25°C (77°F) |   |      |       |       |       |     |      |      |      |      |      | Note:For reference only. |      |
|---------------------------------------------------------------------------------------|---|------|-------|-------|-------|-----|------|------|------|------|------|--------------------------|------|
| Time                                                                                  |   | 5min | 10min | 15min | 30min | 1h  | 2h   | 3h   | 4h   | 5h   | 8h   | 10h                      | 20h  |
| 11.1V                                                                                 | A | 147  | 105   | 71.5  | 55    | 28  | 17.2 | 12.6 | 10.1 | 8.55 | 5.87 | 4.81                     | 2.61 |
|                                                                                       | W | 1665 | 1210  | 832   | 644   | 329 | 203  | 150  | 120  | 102  | 70.3 | 58.1                     | 31.7 |

| Energy supply reference sheet |          |          |                  |                    | Note: the following reference data is according at 60% of the battery discharge depth. |  |  |  |
|-------------------------------|----------|----------|------------------|--------------------|----------------------------------------------------------------------------------------|--|--|--|
| Appliance                     | Power(W) | QTY(pcs) | Daily use(hrs/d) | Daily energy(wh/d) |                                                                                        |  |  |  |
| LED Lamps                     | 12V/3W   | 4        | 8                | 96                 |                                                                                        |  |  |  |
| DC Fan                        | 12V/10W  | 2        | 8                | 160                |                                                                                        |  |  |  |
| LEDTV                         | 12V/15W  | 1        | 6                | 90                 |                                                                                        |  |  |  |
| Others.                       |          |          |                  | 50                 |                                                                                        |  |  |  |
| <b>Total</b>                  |          |          |                  | <b>396WH/D</b>     |                                                                                        |  |  |  |