

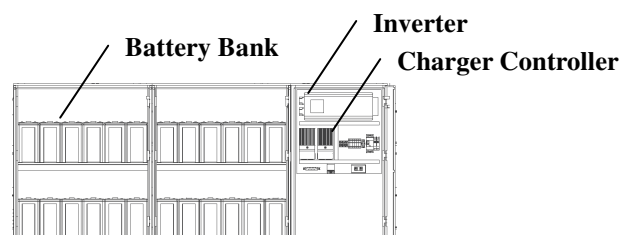
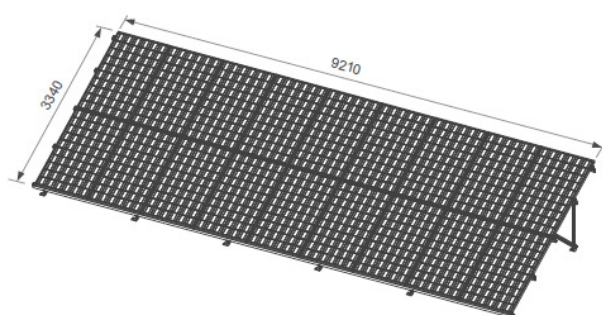
Off-Grid Solution series

Off-grid solution series –The Small Power Station	
Capacity	4.5 KW
Energy production	14.4 KWh*
Battery Bank	28.8/18.0/13.0 KWh** (13 KWh is the minimum)
* Assumption: ESH (Equivalent Sunshine Hours) is 4 hours	
** The accurate back-up days depends on the loading	



Product feature and advantage
<ul style="list-style-type: none"> ◆ Power for remote area ◆ Power for emergency ◆ Pre-assembly (inverter) with highly reliability

System Outlook (with protection box)



Power box (is fixed behind the PV array)
for protecting all electrical devices

Specification

PV Module	
Related Power	250W (18 pcs)
Certificate	IEC 61215 / IEC 61730 / UL 1703
Inverter	
Related Power	4,000W
DC Voltage	40~60Vdc
AC Voltage	120/230/240 Vac \pm 10%
AC Frequency	50 or 60 Hz \pm 1%
Efficiency	93%
LVD Protection	Yes
Solar Charger Controller	
Solar Charge Rated	45A * 2
Charging Characteristic	MPPT
Battery Bank (optional)	
Capacity	800/500/360 AH;48V (Minimum is 360 AH)
Type	Deep Cycle, Gel Battery
Protection Box (optional)	
Material	Galvanize with painting
Size	Battery bank: 1150*560*1153mm Inverter/Charger : 800*560*1153mm
Waterproof	IP54 Outdoor
Safety Protection	
Delta Lightning Arrestor	Yes
Ground Terminal	Yes
DC Breaker	Yes
DC Fuse	Yes
AC Breaker	Yes
AC Fuse	Yes
Mechanical (Optional)	
Structure	55/30 m/s
System capability	
Warranty	1 year