

## 5KWp PV SYSTEM

ITEM No.	EQUIPMENT	MODEL	UNIT	QTY	REMARK
1	SOLAR PANEL	PEPV-12V125M	Pcs	40	5 KW
2	SOLAR BRACKET	Galvanize #3 40*80 angular bars	Set	5	
3	COMBINER BOX	Outdoor Type	pcs	5	
4	STORAGE BATTERY	Lead Acid 2V/1000AH	Pcs	24	
5	BATTERY BRACKET	GFM-1000	Pcs	24	
6	PV CONTROLLER	48V / 100A	Pc	1	Intelligence control
7	POWER INVERTER	6 KW	Pc	1	Pure Sine Wave
8	DISTRIBUTION BOX	PEPYD-220	Pc	1	Leakage, overload & short circuit protections. With Electrical Meter
9	HIGH FREQUENCY CHANGE OVER SWITCH				
10	LIGHTING PROOF SURGE ARRESTER	AC / DC JKFL-3	Pcs	2	
11	CONNECTING CABLES				

Quotation: P 1,995,000.00/SET

Max System Load Power : 5000 W

Optimal System Load Power: 4500 W

Size of Space needed: 50m<sup>2</sup>

Power generated by the system: 22 KWH / DAY

Rainy and cloudy days : 3 Days