



HIGH WATTAGE SOLAR POWER SET

1KW Panel Solar Power System

(USD \$6,090.00)

PHP 292,360.00

Appliance	Rating(W)	Quantity	Work Hour Per Day	Total Watt Hour Per Day
Energy Saving Lamp	11	6	6	396
Computer	100	1	2	200
Printer	30	1	1	30
Fridge	100	1	24	2,400
Washing machine	300	1	1	300
Electric fan	60	1	4	240
TV receiver /VCD	25	1	4	100
Television	180	1	4	720
Water pump	200	1	0.5	100
Total	1,006		46.5	4,486

System Equipment	Specification	Quantity	Cost
Solar Panel, MonoCrystalline, High grade	100W / 18V / 5.99A	10	220,000.00
Battery, Golfmaster, Deep Cycle	6V / 220Ah	8	43,760.00
Solar Charge Controller, MPPT	60A / 24V	1	12,400.00
Power Inverter, Pure Sine Wave	1,200W / 24Volt / 60Hz	1	16,200.00

2KW Solar Power System
(USD \$12,152.00) PHP 583,300.00

Appliance	Rating(W)	Quantity	Work Hour Per Day	Total Watt Hour Per Day
Light	11	14	7	1,078
Computer	100	2	4	800
Printer	250	1	1	250
Fridge	100	1	24	2,400
Washing machine	300	1	1	300
Electric fan	60	3	7	1,260
TV receiver /VCD	25	2	6	300
Television	180	2	6	2,160
Water pump	400	1	1	400
Total	1,426			8,948

System Equipment	Specification	Quantity	Cost
Solar Panel, MonoCrystalline, High grade	200W	10	440,000.00
Battery, Golfmaster, Deep Cycle	6V / 220Ah	16	95,200.00
Solar Charge Controller, MPPT	60A / 24V	2	24,800.00
Power Inverter, Pure Sine Wave	2,200W / 24Volt / 60Hz	1	23,300.00

3KW Solar Power System
(USD \$24,229.00) Php 1,163,000.00

Appliance	Rating(W)	Quantity	Work Hour Per Day	Total Watt Hour Per Day
Light	11	10	6	660
Computer	100	2	5	1,000
Printer	250	1	1	250
Fridge	100	1	24	2,400
Washing machine	300	1	1	300
Electric fan	60	4	5	1,200
Air conditioner	1,200	1	5	6,000
TV receiver /VCD	25	1	6	150
Television	180	1	6	1,080
Water pump	400	1	1	400
Total	2,626			13,440

System Equipment	Specification	Quantity	Cost
Solar Panel, MonoCrystalline, High grade	200W / 24V	16	880,000.00
Battery, Golfmaster, Deep Cycle	6V / 220Ah	28	166,600.00
Solar Charge Controller, MPPT	60A / 24V	6	74,400.00
Power Inverter, Pure Sine Wave	4,000W / 24V / 60Hz	1	42,000.00

5KW Solar Power System

(USD \$29,667.00) Php 1,424,000.00

Appliance	Rating(W)	Quantity	Work Hour Per Day	Total Watt Hour Per Day
Light	20	18	8	2,880
Computer	100	4	5	2,000
Printer	250	1	1	250
Fridge	100	1	24	2,400
Washing machine	300	1	1	300
Electric fan	60	6	6	2,160
Air conditioner	1,200	2	4	9,600
TV receiver /VCD	25	2	6	300
Television	180	2	6	2,160
Water pump	400	1	1	400
Total	2,635			22,450

System Equipment	Specification	Quantity	Cost
Solar Panel, MonoCrystalline, High grade	200W / 48V	24	1,056,000.00
Battery, Golfmaster, Deep Cycle	6V / 220Ah	44	261,800.00
Solar Charge Controller, MPPT	60A / 48V	2	48,200.00
Power Inverter, Pure Sine Wave	6,000W / 48V / 60 hz	1	58,000.00

www.sophilcor.com
sophilco@gmail.com