



Atlantic Renewable Energy & Engineering Services, Inc

Phone: 727-485-6086 Email: info@areegs.com

[www.areegs.com](http://www.areegs.com)

## Low Cost Off-Grid Solar Power Systems, Excellent for Areas without Electricity and Can also be Used as Backup Systems



### 45 Watt (80 W/h) DC Power System

Code:AREEGS-45

Price: \$550.99.00

Price: \$300.99 Without batteries

### **45 Watt Solar System (12VDC)**

Includes:

- (1) 45 Watt Solar Panel
- (1) Amp Charge Controller w/ Meter
- (1) 110aH Deep Cycle Sealed Lead Acid Battery (Optional)
- (1) Watt DC to AC Inverter
- (1) Array to Controller Output Cable (25')
- (1) Controller to Battery Cable (14")
- (1) Battery to Inverter cable (12')

**System to power a couple of Energy saving light bulbs, 12V DC water pump, radio, DVD player, laptop, cell phone chargers and many other low energy consuming household appliances.**

**(Preferably for 1 bedroom studio)**



### 60 Watt (160W/h) DC Power System

Code:AREEGS-60

Price: \$784.99.00

Price: \$465.99 Without batteries

### **60 Watt Solar System (12VDC)**

Includes:

- (1) 80 Watt Solar Panel
- (1) Charge Controller w/ Meter
- (1) 110aH Deep Cycle Sealed Lead Acid Battery (Optional)
- (1) Watt DC to AC Inverter
- (1) Solar Array to Controller Output Cable (25')
- (1) Controller to Battery Cable (14")
- (1) Battery to Inverter cable (12')

**System to power a couple of Energy saving light bulbs, 12V DC water pump, radio, DVD player, laptop, cell phone chargers and many other low energy consuming household appliances.**

**(preferable for 1 bedroom studio)**

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### 80 Watt (300 W/h) DC Power System

Code:AREEGS-80

Price: **\$825.00**

Price: **\$565.99 Without batteries**

### **80 Watt Solar System (12VDC)**

Includes:

- (1) 80 Watt Solar Panel
- (1) Amp Charge Controller w/ Meter
- (2) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) DC to AC Inverter
- (1) Solar Array to Controller Output Cable (25')
- (1) Controller to Battery Cable (14")
- (1) Battery to Inverter cable (20')
- (2) Battery Series Wiring Cables (12")

**System to power a couple Energy saving light bulbs, small TV, Computer System, 12V DC Water Pump, Radio, DVD player, cell phone chargers and many other low energy household appliances.**

**(Preferably for 1 bedroom & 1 Living room)**



### 160 Watt (540 W/h) DC Power System

Code:AREEGS-160

Price: **\$1,699.99 With batteries**

Price: **\$899.99 Without batteries**

### **160 Watt Solar System (12VDC)**

Includes:

- (2) 80 Watt Solar Panels or equivalent one panel
- (1) PSPV Array Combiner & (2) PV Breakers if more than 2 panels are provided
- (1) Charge Controller w/ Meter
- (3) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) DC to AC Inverter
- (1) Solar Array to Controller Output Cable (25')
- (1) Controller to Battery Cable (14")
- (1) Battery to Inverter cable (20')
- (4) Battery Series Wiring Cables (12")

**System to power light bulbs, small TV, Computer System, small refrigerator / freezer 12V DC Water Pump, Stereo System, DVD player, laptop, cell phone charger and many other low energy household appliances.**

**(Preferably for 1 bedroom & 1 Living room)**

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### 240 Watt (600 W/h) DC Power System

Code: **AREEGS-240**

Price: **\$1999.99 With batteries**

Price: **\$999.99 Without batteries**

#### **240 Watt solar Power System (12VDC)**

Includes:

- (3) 80 Watt Solar Panels or equivalent one panel
- (1) PSPV Array Combiner & (3) PV Breakers
- (1) Charge Controller w/ Meter
- (4) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) DC to AC Inverter
- (1) Battery to Inverter cable (12')
- (1) Solar Array to Controller Output Cable (25')
- (1) Controller to Battery Cable (14")
- (6) Battery Series Wiring Cables (12")

**System to power light bulbs, Medium TV, Computer System, Medium refrigerator / freezer  
12V DC Water Pump, Stereo System, DVD player, laptop, cell phone charger and many other  
low energy household appliances.**

**(Preferably for 2 bedrooms & 1 Living room)**



### 320 Watt (1320 W/h) DC Power System

Code: **AREEGS-320**

Price: **\$3,400.99 with the batteries**

Price: **\$1600.99 Without batteries**

#### **320 Watt Solar Power System (12VDC)**

Includes:

- (4) 80 Watt Solar Panels
- (1) Charge Controller w/ Meter
- (6) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) DC to AC Inverter
- (1) PSPV Array Combiner & (4) PV Breakers
- (4) Solar Array to Combiner Output Cables (20')
- (1) Battery to Inverter cable (12')
- (1) Array to Controller Output Cable (25')
- (1) Controller to Battery Cable (14")
- (10) Battery Series Wiring Cables (12")

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**System to power light bulbs, Medium TV, Computer System, Medium refrigerator / freezer (2 bedrooms & 1 Living room)**



### 400 Watt (1500 W/h) DC Power System

Code: **AREEGS-400**

Price: **\$3,800.99 with the batteries**

Price: **\$1,900.99 Without batteries**

### **400 Watt Solar Power System (12VDC)**

Includes:

- (5) 80 Watt Solar Panels or equivalent
- (1) Charge Controller w/ Meter
- (8) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) DC to AC Inverter
- (2) Battery to Inverter cable (20')
- (1) PSPV Array Combiner & (5) PV Breakers
- (5) Solar Array to Combiner Output Cables (20')
- (1) Combiner to Controller Output Cable (25')
- (1) Controller to Battery Cable (14")
- (14) Battery Series Wiring Cables (12")

**System to power light bulbs, Medium TV, Computer System, Medium refrigerator / freezer Medium microwave, Small wall Air conditioner, 12V DC Water Pump, Stereo System (3 bedrooms & 1 Living room)**



### 480 Watt (2280 W/h) DC Power System

Code: **AREEGS-480**

Price: **\$5,599.00**

Price: **\$2,500.99 Without batteries**

### **480 Watt Solar Power System (12VDC)**

Includes:

- (6) 80 Watt Solar Panels
- (1) 30 Amp Charge Controller w/ Meter
- (10) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) 2500 Watt DC to AC Inverter
- (1) PSPV Array Combiner & (6) PV Breakers
- (6) Solar Array to Combiner Output Cables (20')
- (1) Combiner to Controller Output Cable (25')
- (2) Controller to Battery Cable (14")
- (18) Battery Series Wiring Cables (12")
- (1) Battery to Inverter cable (20')

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**System to power light bulbs, Large TV, Computer System, Large refrigerator / freezer  
Medium microwave, Medium wall Air conditioner, 12V DC Water pump  
(3 bedrooms & 1 Living room)**



### 700 Watt (4000 W/h) DC Power System

Code: **AREEGS-700**

Price: **\$9,629.99**

Price: **\$5,500.99 Without batteries**

### **700 Watt Solar Power System (24VDC)**

Includes:

- (4) 175 Watt Solar Panels
- (1) Charge Controller w/ Meter
- (20) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) DC to AC Inverter
- (1) PSPV Array Combiner & (4) PV Breakers
- (4) Solar Array to Combiner MC Output Cables (15')
- (1) Combiner to Controller Output Cable (25')
- (2) Controller to Battery Cable w/ Fuses (3')
- (10) Battery Cables (12", Series Wiring)
- (18) Battery Cables (20", Parallel Wiring)
- (2) Battery to Inverter cable (20')

**System to power light bulbs, Large TV, Computer System, Large refrigerator / freezer  
Medium microwave, a couple of Medium wall unit Air conditioners  
(4 bedroom & 1 Living room)**

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### 1000 Watt (5500 W/h) DC Power System

Code: **RPS-700**

Price: **\$10,629.99**

Price: **\$6,500.99 Without batteries**

### **1000 Watt Solar Power System (24VDC)**

Includes:

- (6) 175 Watt Solar Panels or equivalent
- (1) Controller w/ Meter
- (26) 110aH Deep Cycle Sealed Lead Acid Batteries (Optional)
- (1) DC to AC Inverter
- (1) PSPV Array Combiner & (6) PV Breakers
- (6) Solar Array to Combiner MC Output Cables (15')
- (1) Combiner to Controller Output Cable (25')
- (2) Controller to Battery Cable w/ Fuses (3')
- (13) Battery Cables (12", Series Wiring)
- (12) Battery Cables (20", Parallel Wiring)
- (2) Battery to Inverter cable (20')

**System to power light bulbs, Large TV, Computer System, Large refrigerator / freezer  
Medium microwave, a couple of Medium wall unit Air conditioners  
(4 bedroom & 1 Living room)**

**NOTE: Cost does not include shipment fees for USA locations or freight and customs fees for Africa.**

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