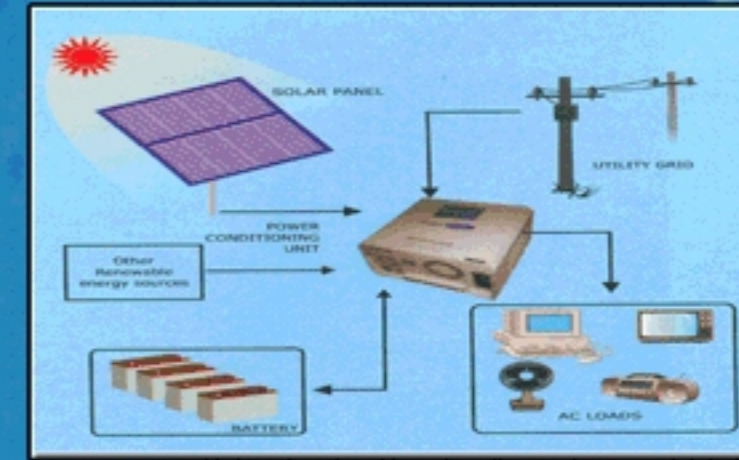


Solar

HOME LIGHTING SYSTEMS



METRO



FEATURES

- Maximum utilization of Solar Energy
- Energy Management Function
- Microprocessor controlled
- Maximum Power Point Tracking (MPPT)
- Built-in Automatic Voltage regulation (AVR)
- Pure Sine Wave Inverter
- Built-in over voltage and short circuit protection

SPECIFICATIONS

Model	Model-7	Model-8	Model-9	Model-10
General				
Application	Solar Electrification, Line Interactive			
Number of Days of Autonomy	3 days			
System Input Voltage	24			
System Output Voltage	230V AC; 50 Hz.			
Solar PV Array				
Module Type	Mono/poly crystalline silicon			
Array wattage	225 Wp	300 Wp	450 Wp	600 Wp
Battery				
Battery Type	Flooded Lead Acid (Tubular) or VRLA SMF Lead Acid			
Battery Capacity (Flooded)	24V, 160Ah	24V, 200Ah	24V, 240Ah	24V, 320Ah
Battery Capacity (VRLA)	24V, 160Ah	24V, 200Ah	24V, 240Ah	24V, 300Ah
Solar Charge Controller (Built-in)				
Type & Rating	Series Pulsed 2 Step, 30A (Max.), 720Wp SPV Max.			
MPPT tracking voltage range	26 to 70V DC			
Inverter				
Nominal Power	1000VA			
Surge Power	2000 VA for 2 seconds			
Load				
Usable Load per day*	750Whr	1000Whr	1500Whr	2000Whr
Module Mounting Structure				
Mounting Type, Material & finishing	Roof Mounting, Galvanized iron, Hot Dip Galvanized			
ORDERING INFORMATION (MODEL NUMBER)				
With Flooded battery	SPG-02210A	SPG-03010A	SPG-04510A	SPG-06010A
With VRLA battery	SPG-02210B	SPG-03010B	SPG-04510B	SPG-06010B

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