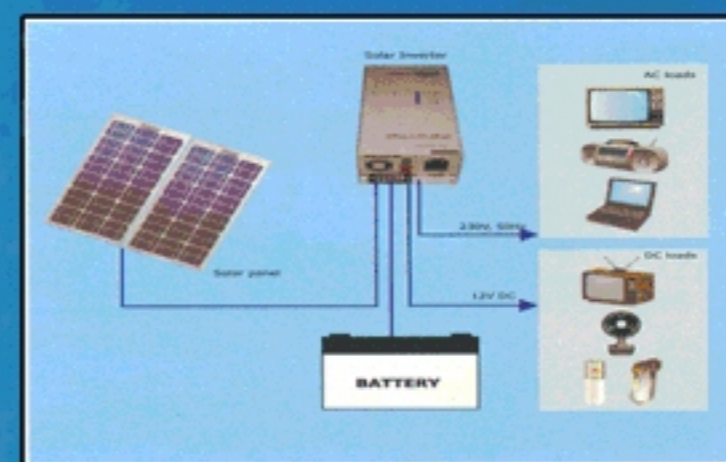
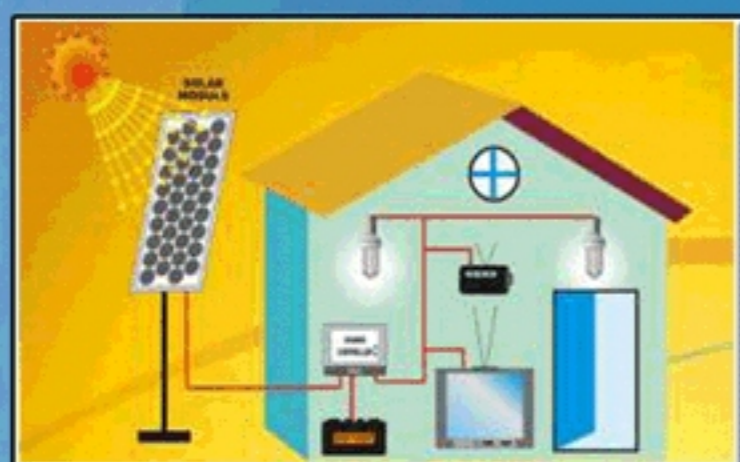


Solar

HOME LIGHTING SYSTEMS



METRO



FEATURES

- Safe and easy to install
- Free from noise, smoke and pollution
- Requires very little maintenance
- Advance electronic design for charge controller and inverter
- Adequate protections and indications
- Possible to expand the system in future

SPECIFICATIONS

Model	Model-1	Model-2	Model-3	Model-4	Model-5	Model-6
General						
Application	Solar Electrification - Stand alone					
Number of Days of Autonomy	3 Days					
System Input Voltage	12V			24V		
Solar PV Array						
Solar PV Module Type	Mono/poly crystalline silicon					
Solar PV Module Rating	75Wp X 1 No.	50Wp X 2 Nos.		75Wp X 2 Nos.		50Wp X 4 Nos.
Solar PV Array rating	75Wp	100Wp		150Wp		200Wp.
Battery						
Battery Voltage	12V			24V		
Battery Type	Flooded lead Acid (Tubular) or VRLA SMF Lead Acid					
Battery Capacity (Flooded)	75AH @ C/10	100AH @ C/10	120AH @ C/10	160AH @ C/10	100AH @ C/10	120AH @ C/10
Battery Capacity (VRLA)	80AH @ C/20	100AH @ C/20	120AH @ C/20	160AH @ C/20	100AH @ C/20	120AH @ C/20
Number of Battery	1			2		
Solar Charge Controller (Built-in)						
Type	Series Pulsed, 2 Step					
Rating	10A (Max.)					
DC Output						
Maximum Load current	10A (Max.)					
Inverter (AC output)						
Output Voltage	230V AC, 50 Hz					
Solar Inverter Model	SIN-MAAB0A	SIN-MAAB0A	SIN-MBBB0A	SIN-MBBB0A	SIN-NCB00A	SIN-NCB00A
Output power (Max.)	150VA		300VA		500VA	
Output surge rating	200% of the output Power for 2 seconds					
Load						
Usable Load per day*	250Whr	330Whr		500Whr		670Whr
Module Mounting Structure						
Mounting Type, Material & Finishing	Roof Mounting, Mild steel, Hot Dip Galvanized					
ORDERING INFORMATION (MODEL NUMBER)						
With Flooded battery	SPS-07515A	SPS-10015A	SPS-10030A	SPS-15030A	SPS-15050A	SPS-20050A
With VRLA (SMF) battery	SPS-07515B	SPS-10015B	SPS-10030B	SPS-15030B	SPS-15050B	SPS-20050B

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