

Solar HOME POWER SERIES



TECHNICAL SPECIFICATION

	HomePower 20	HomePower 40	HomePower 50	HomePower 75
General				
Application	Solar Electrification for homes, shops, offices etc.			
Hrs. of operation / day	Average 3 hours			
Autonomy	3 days			
System voltage	12V DC			
Solar PV Module				
Module type	Mono / Poly crystalline silicon			
Module power @ 16.4V	18Wp/20Wp	37Wp/40Wp	50Wp	75Wp / 2X37Wp
Battery				
Battery type	Low Maintenance Flooded lead acid (Tubular) / VRLA SMF lead acid			
Battery voltage	12V			
Battery capacity @ C/10	20Ah Tubular	40Ah Tubular/42Ah SMF	40Ah Tubular	75Ah Tubular/65Ah SMF
Solar Charge controller / Solar Home Controller				
Rating	Solar 3A / Load 3A	Solar 6A / Load 6A		Solar 6A / Load 10A
Indoor Lighting Luminary				
Rating	CFL 7W / 9W / 11W		CFL 9W / 11W	
Module Mounting Structure				
Mounting type	Pole mount			
Material & Finish	Mild steel, Galvanised			
Extra Loads				
DC Fan	Nil		12VDC, Power <=15W	
Other accessories				
Load centre (Wiring centre)	Provided (Built-in for systems with Solar Home controller)			
Connecting cables	Provided			
Battery Enclosure	Provided			

ORDERING INFORMATION

Ordering Code	Model	PV Module	Battery	Standard loads	Recommended operating time	Autonomy
HomePower 20						
031-001	SHS-12020A	18Wp	12V 20Ah Flooded	1X7W/9W/11W CFL	4 Hrs	3 Days
031-002	SHS-12020B	20Wp	12V 20Ah Flooded	2x7W CFL	4 Hrs	3 Days
031-003	SHS-12020C	20Wp	12V 20Ah Flooded	2x9W CFL	3 Hrs	3 Days
HomePower 40						
031-006	SHS-12040A	37Wp	12V 40Ah Flooded	2X9W/11W CFL	3 Hrs	3 Days
031-007	SHS-12040B	37Wp	12V 40Ah Flooded	1x9W/11W, 1 DC Fan	2 Hrs	3 Days
031-008	SHS-12040C	40Wp	12V 40Ah Flooded	3x9W CFL, 1X11W CFL	3 Hrs	3 Days
031-009	SHS-12040D	40Wp	12V 40Ah Flooded	3x9W CFL, 1 DC Fan	3 Hrs	3 Days
031-010	SHS-12040E	40Wp	12V 42Ah VRLA	3x9W CFL, 1X11W CFL	3 Hrs	3 Days
031-011	SHS-12040F	40Wp	12V 42Ah VRLA	3x9W CFL, 1 DC Fan	3 Hrs	3 Days
HomePower 50						
031-028	SHS-12050B	50Wp	12V 40Ah Flooded	4x9W CFL, 1X11W CFL	3 Hrs	3 Days
031-029	SHS-12050C	50Wp	12V 40Ah Flooded	4x9W CFL, 1 DC Fan	3 Hrs	3 Days
HomePower 75						
031-019	SHS-12075A	75Wp	12V 75Ah Flooded	2x9W/11W CFL, 1 DC Fan	3 Hrs	3 Days
031-020	SHS-12075B	75Wp	12V 75Ah Flooded	4x9W/11W CFL	3 Hrs	3 Days
031-021	SHS-12075C	75Wp	12V 75Ah Flooded	6x9W CFL, 2X11W CFL	3 Hrs	3 Days
031-022	SHS-12075D	75Wp	12V 75Ah Flooded	5x9W, 1X11W CFL, 1 DC Fan	3 Hrs	3 Days
031-023	SHS-12075E	75Wp	12V 65Ah VRLA	6x9W, 2X11W CFL	3 Hrs	3 Days
031-024	SHS-12075F	75Wp	12V 65Ah VRLA	5x9W, 1X11W CFL, 1 DC Fan	3 Hrs	3 Days
031-025	SHS-12075G	75Wp	12V 65Ah VRLA	4x9W, 1X11W CFL, 2 DC Fan	3 Hrs	3 Days

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