

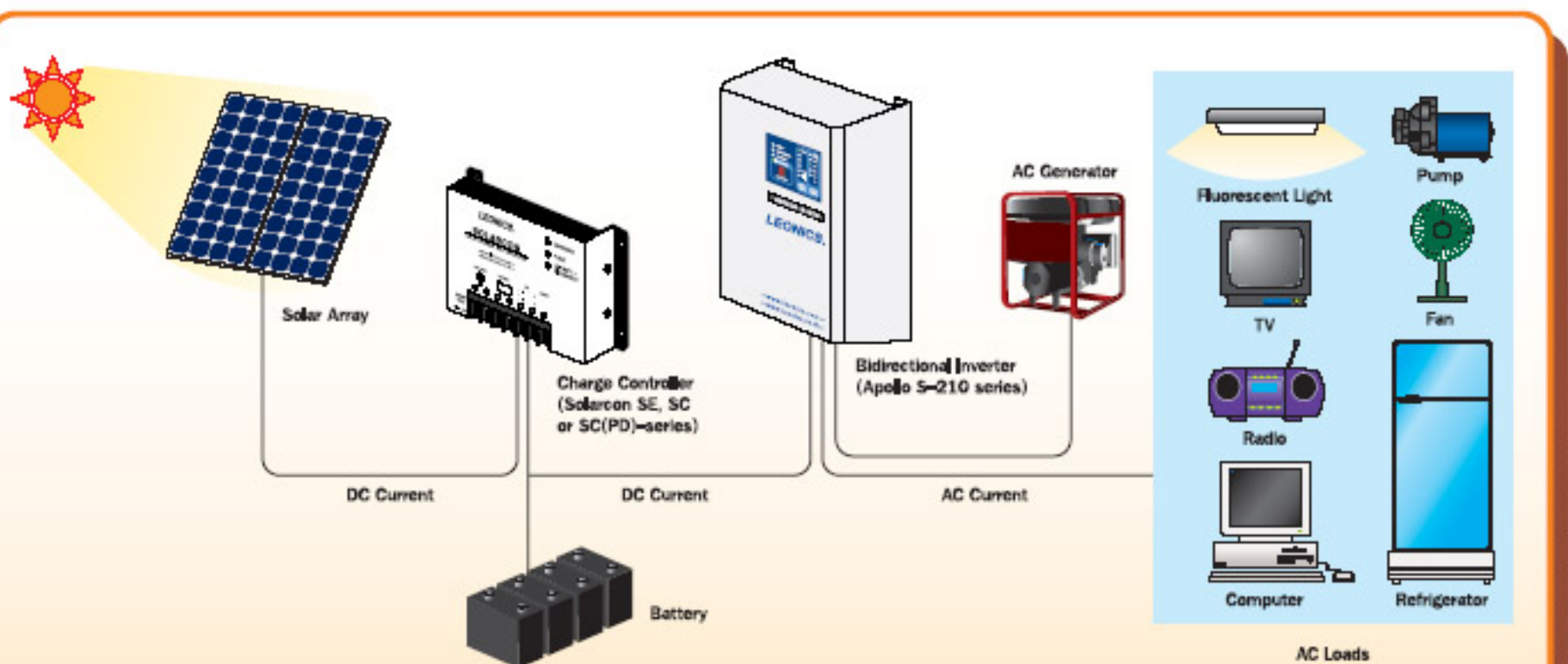
APOLLO S-210

BIDIRECTIONAL INVERTER



- High efficiency bidirectional inverter
- High speed automatic transfer switch (4 msec.) included
- Stable output voltage and frequency
- Full protection for overload, short circuit and over temperature
- Automatic low battery shutdown to protect battery
- 3-step charging to provide quick and safe charging for battery

- Cooling fans with automatic speed controller
- PC-communication with monitoring software (Option)
- One touch operation
- Wall mounted type
- ISO 9001 and ISO 14001 certified factory



The bidirectional inverter provides highest reliable for stand-alone solar electrification system with the capability to receive AC supply from generator. The inverter automatically detects availability of AC supply and change operation mode from inverter to charger and charges battery and connects load to use electricity from generator.

SPECIFICATIONS

MODEL	S-210A	S-211A	S-211B	S-212B	S-213B S-213B/RM	S-215B S-215B/RM	S-216B	S-211C S-211C/RM	S-213C S-213C/RM	S-215C	S-216C	S-217C	S-218C	
INPUT														
Inverter mode	Nominal voltage	12 Vdc		24 Vdc				48 Vdc						
	Voltage range	10-14.5 Vdc		21 - 29 Vdc				40 - 58 Vdc						
Charger mode	Nominal voltage	220 Vac												
	Voltage range	176 - 265 Vac												
OUTPUT														
Inverter mode	Power continuous	150 VA/150 W	300 VA/300 W	500 VA/500 W	800 VA/800 W	1 kVA/1 kW	1.5 kVA/1.5 kW	2 kVA/2 kW	500 VA/500 W	1 kVA/1 kW	1.5 kVA/1.5 kW	2 kVA/2 kW	2.7 kVA/2.7kW	3.5 kVA/3.5kW
	Max. surge power	200%												
	Voltage	220 Vac ± 1%												
	Frequency	50/60 Hz ± 0.1% (crystal control)												
	Wave form	Pure sine wave												
	Total harmonic distortion	< 3%												
Charger mode	Nominal	12 Vdc		24 Vdc				48 Vdc						
	Charging current	7 A	14 A	12 A	20 A	24 A	30 A	40 A	6 A	12 A	18 A	24 A	32 A	38 A
SYSTEM														
Max. efficiency	> 80%		> 82 %				> 85%		> 90%					
Protection	Over current / Overload / Over temperature / Short circuit / Under voltage													
INDICATOR														
LED	Load level / Over load / Battery level / Low battery / Fault / Over temperature / Charger status / Inverter status													
ALARM	Buzzer	Low battery / Over load / Short circuit / Over temperature												
OPERATING CONDITION														
Temperature	0 - 45°C													
Relative humidity	0 - 95 % (Non - condensing)													
PHYSICAL														
Dimension W x H x D (cm.)	Wall mount	26 x 36 x 16				28 x 50 x 19	58.2x33.2x22	26 x 36 x 16		28 x 50 x 19		58.2 x 33.2 x 22		
	Rack mount	-				48.2 x 14 x50		-		48.2 x 14 x50		-		
Weight (kg.)	Wall mount	15	20	20.5	20.5	25	27.5	20.5	20.5	25	26	40.5		
	Rack mount	-				24	28	-		23	25	-		

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Dealer: _____