

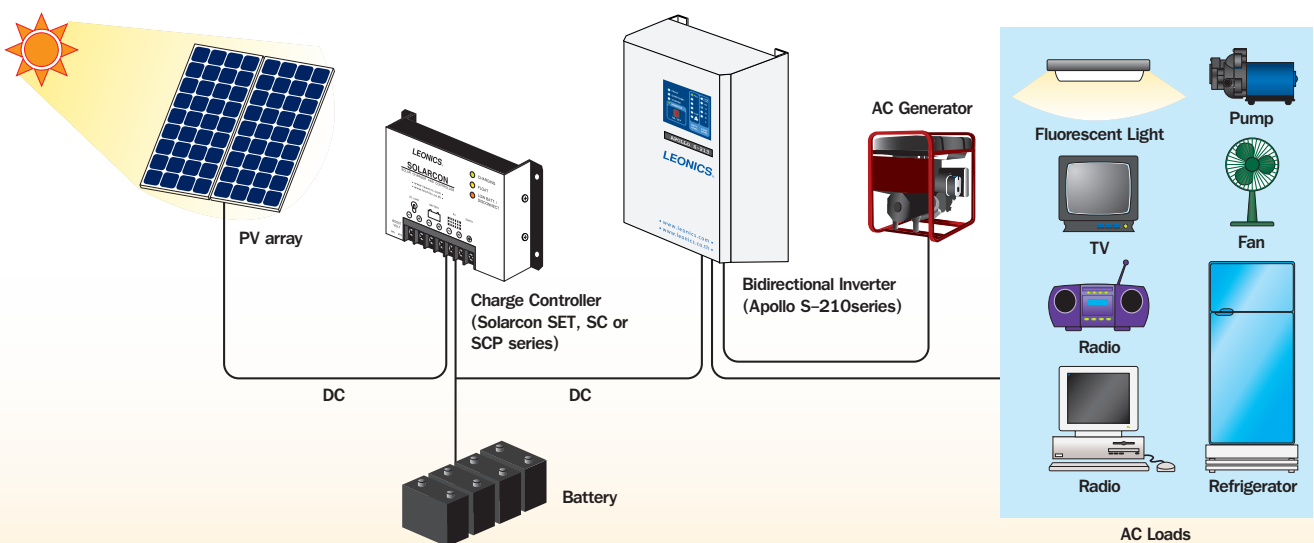
APOLLO S-210

BIDIRECTIONAL INVERTER



- High efficiency bidirectional inverter with built-in output transformer
- 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
- AS-3001 certified
- ISO 9001:2000 and ISO 14001 certified



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.

APOLLO S-210 series BIDIRECTIONAL INVERTER

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	S-219C				
INPUT																			
Inverter mode	Nominal voltage	12 Vdc				24 Vdc				48 Vdc									
	Voltage range	10.5 - 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 (Pf. = 1)	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 / 2.7 kW	3.5 kVA / 3.5 kW	5 kVA / 5 kW				
	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	52 A				
SYSTEM																			
Max. efficiency		> 80%				> 82 %				> 85%				> 90%		> 92%			
Protection		Over current / Overload / Over temperature / Short circuit / Under voltage																	
INDICATOR																			
LED		Status / Battery level / Overload / Fault			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	18.2 x 36 x 12.1			26 x 36 x 16			29 x 51.5 x 22.5			26 x 36 x 16			29 x 51.5 x 22.5			58 x 35.4 x 21.8		60x86.5x46
	Rack mount	-			-			48.2 x 22 x 50			-			48.2 x 14 x 50			-		
Weight (kg.) (approximate)	Wall mount	8	8.5	18.5	20.5	20.5	27		18.5	20.5	26	27	40.5		90				
	Rack mount	-			-			24		28	-		23	25	-				
CONFORMANCE																			
Design regulation	Safety regulation	AS 3100																	

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

Authorized Distributor:

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