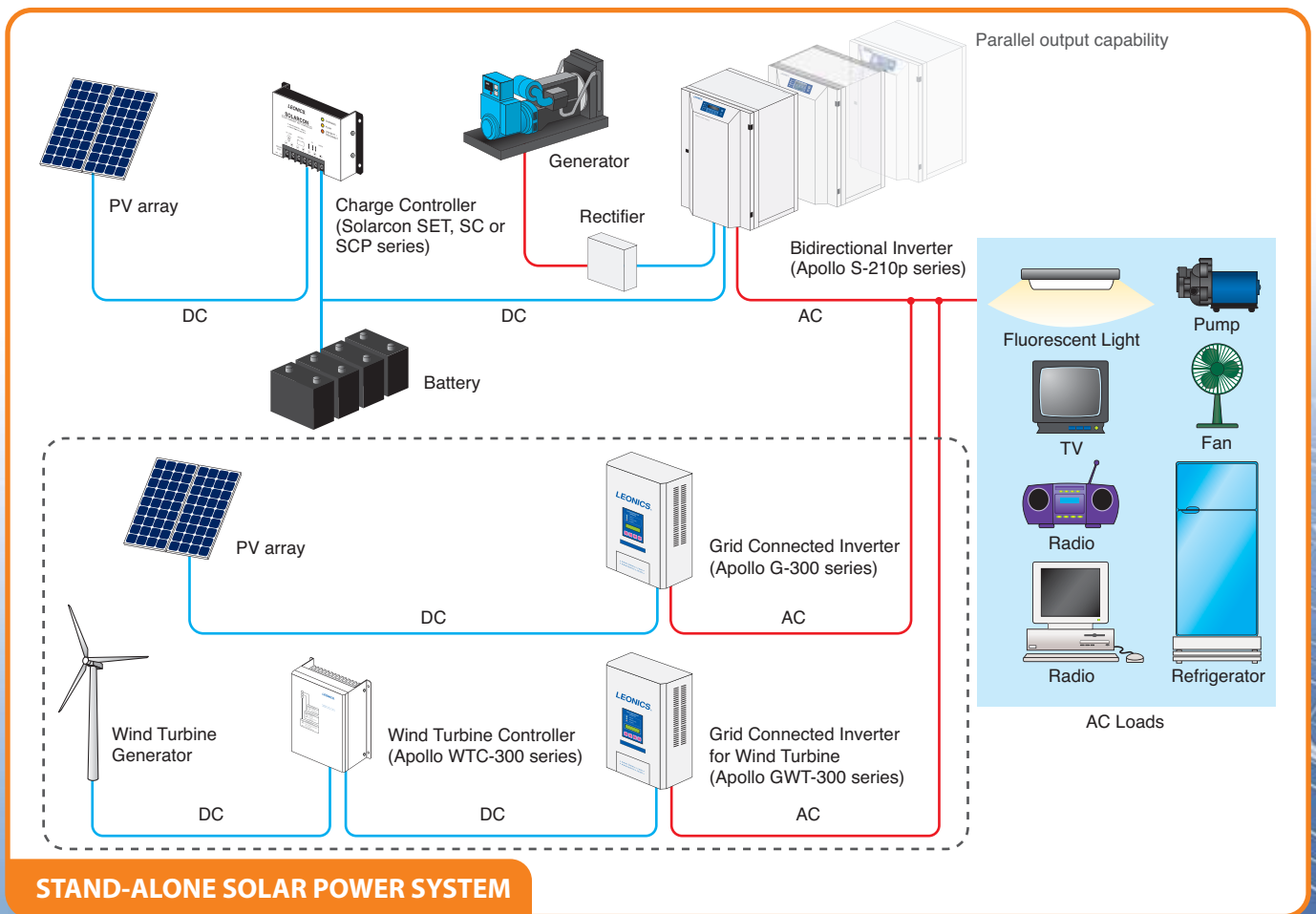


APOLLO S-210p

BIDIRECTIONAL PARALLEL INVERTER

- LCD display and Data Logging (option)
- Battery temperature compensation (option)
- PC-communication with monitoring software (Option)
- Parallel output capability
- High efficiency bidirectional inverter with built-in output transformer
- High speed automatic transfer switch (4 msec.) included
- Stable output voltage and frequency
- Cooling fans with automatic speed controller
- 3-stages charging to provide quick and safe charging for battery
- Full protection for overload, short circuit and over temperature
- Automatic low battery shutdown to protect battery
- Reverse polarity protection
- 2 years warranty (option for 3 and 5 years)
- ISO 9001:2000 and ISO 14001 certified



APOLLO S-210p series BIDIRECTIONAL PARALLEL INVERTER

SPECIFICATION

MODEL		S-218Cp	S-219Cp
INPUT			
Inverter mode	Nominal voltage	48 Vdc	
	Voltage range	40 - 58 Vdc	
Charger mode	Nominal voltage	220 Vac	
	Voltage range	176 - 265 Vac	
OUTPUT			
Inverter mode	Power continuous (Pf.=1)	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	48 Vdc	
	Charging current	38 A	52 A
SYSTEM			
Max. efficiency		> 90%	> 95%
Protection		Over current / Overload / Over temperature / Short circuit / Under voltage	
INDICATOR			
LED		Standby / Run, AC, Full battery / Low battery, Alarm	
LCD		Inverter (voltage / current / frequency / power / reactive power), Load (percentage, voltage, frequency), Battery (voltage / current / state of charge (%)), Internal charging current, External charging current, DC power, Heat sink temperature, Battery temperature (option), Today energy (inverter / battery), Accumulated energy (inverter / battery), Accumulated energy (inverter / battery), System status, Time, Date, Data log	
ALARM	Buzzer	Low battery, Over load, Short circuit, Over temperature	
OPERATING CONDITION			
Temperature		0 - 45°C	
Relative humidity		0 - 95 % (Non - condensing)	
PHYSICAL			
Dimension	Tower	60 x 86.5 x 46	
W x H x D (cm.)			
Weight (kg.)	Tower	90	
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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