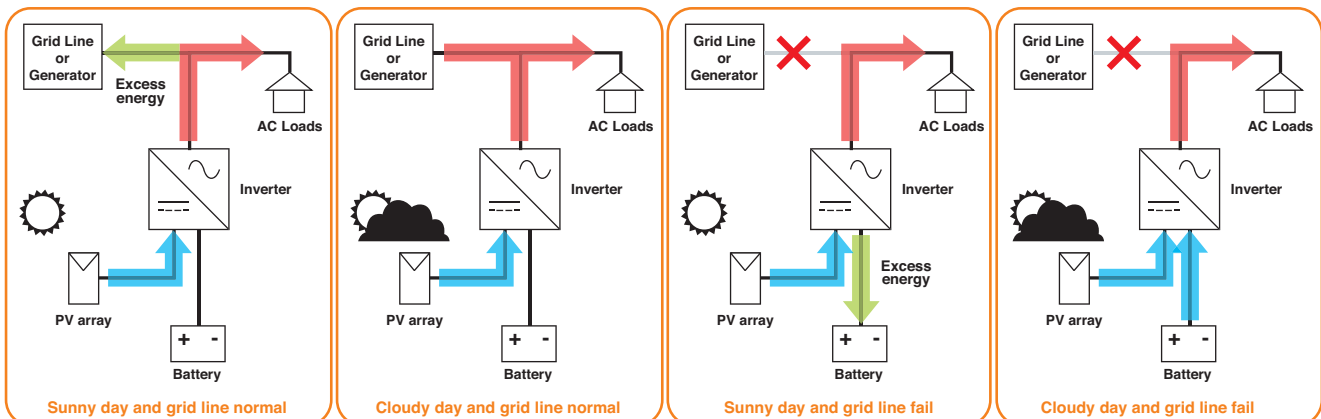
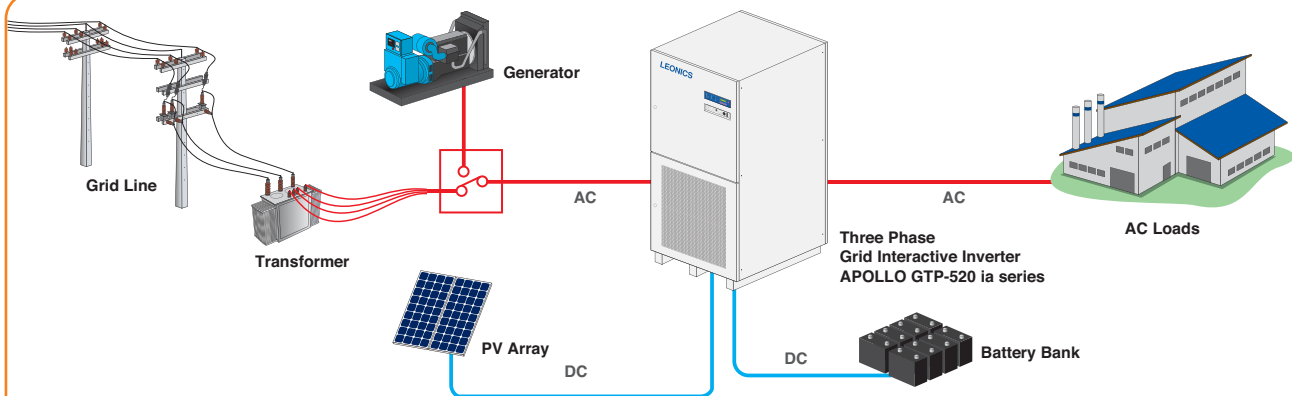


APOLLO GTP-520 ia

Three Phase Grid Interactive Inverter



- Three phase bidirectional inverter with built-in output transformer
- Provide uninterruptible backup power to load when utility grid line is not available
- Include with battery charger
- Feeding excess energy back to grid line
- Low harmonic distortion (less than 4%)
- High efficiency > 95%
- User settable operation:
 1. Excess PV energy back feed to utility line
 2. No PV energy back feed to utility line, PV energy only supply to load
- ISO 9001 and ISO 14001 certified factory



The APOLLO GTP-520 ia series is a three phase grid interactive inverter. It can operate as grid tie inverter when utility line is available to reduce energy consumption in the industry and can become backup power source for the selected section or the whole house by using energy from PV and battery when utility line is not available. The grid interactive inverter is suitable for 3-phase industrial applications.

APOLLO GTP-520 ia series Three Phase Grid Interactive Inverter

MODEL		GTP-526G ia		GTP-529G ia	
RATED POWER	PV input	60 kWp		100 kWp	
	AC Output	60 kW		100 kW	
BATTERY	Nominal Voltage	360 Vdc			
	Max.battery charging current	30 A		45 A	
	Maximum battery current	220 A		370 A	
PV INPUT	MPPT voltage range (Vmp of PV string)	300 - 420 Vdc			
	Maximum open circuit voltage (Voc of PV string)	< 540 Vdc			
	Maximum PV current	200 A		340 A	
AC INPUT FROM GRID LINE OR GENERATOR	Voltage	380 / 400 / 415 Vac (L-L), 220 / 230 / 240 Vac (L-N) ± 10%			
	Phase	Three phase four wires			
	Frequency	50 / 60 Hz ± 3 Hz			
	Maximum AC current	119 A		196 A	
AC OUTPUT (BATTERY MODE)	Voltage	380 / 400 / 415 Vac (L-L), 220 / 230 / 240 Vac (L-N)			
	Voltage regulation	± 5% (steady load), < 4% at 100% step load within 0.1 sec.			
	Phase	Three phase four wires			
	Frequency	50 / 60 Hz ± 0.1%			
	Wave form	Pure sine wave			
	Total harmonic distortion	total < 4%, each < 3%			
	Maximum surge current	150% at 2 sec.			
	Maximum AC current	90.9 A		151.5 A	
ISOLATION	Galvanic isolation	yes			
EFFICIENCY	Inverter peak efficiency	> 95%			
PROTECTION	Over current, Over load, Short circuit, Over temperature, Over voltage, Under voltage				
INDICATOR	Inverter display	LED	AC Input, Generator Failure, Stand by/Run, Inverter, Charging, Load on Inverter, Overload, Low Battery, High temperature, Fault		
		LCD	Inverter voltage, Inverter current, Inverter frequency, Inverter power, AC input voltage, AC input current, AC input frequency, AC input power, Load voltage, Load current, Load power, Battery voltage, Battery current, Battery state of charge(%), Internal charging current, External DC charging current, Battery temperature (option), Equalization Date, Today AC inverter energy (Input, Output), Today DC inverter energy (Input, Output), Accumulated AC inverter energy (Input, Output), Accumulated DC inverter energy (Input, Output), System status, Time, Date, Heat sink temperature		
AUDIABLE ALARM	Low battery, Inverter fault, High temperature				
COOLING	Automatic cooling fan				
ENVIRONMENT	Temperature	0 - 45°C			
	Relative humidity	0 - 95 % (Non - condensing)			
DESIGN STANDARD	AS/NZ 3100:2002				
DIMENSION	W x H x D (cm)	90 x 188 x 105		90 x 188 x 105	
WEIGHT	Approximate in kg.	1,350		1,490	

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

Authorized Distributor

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