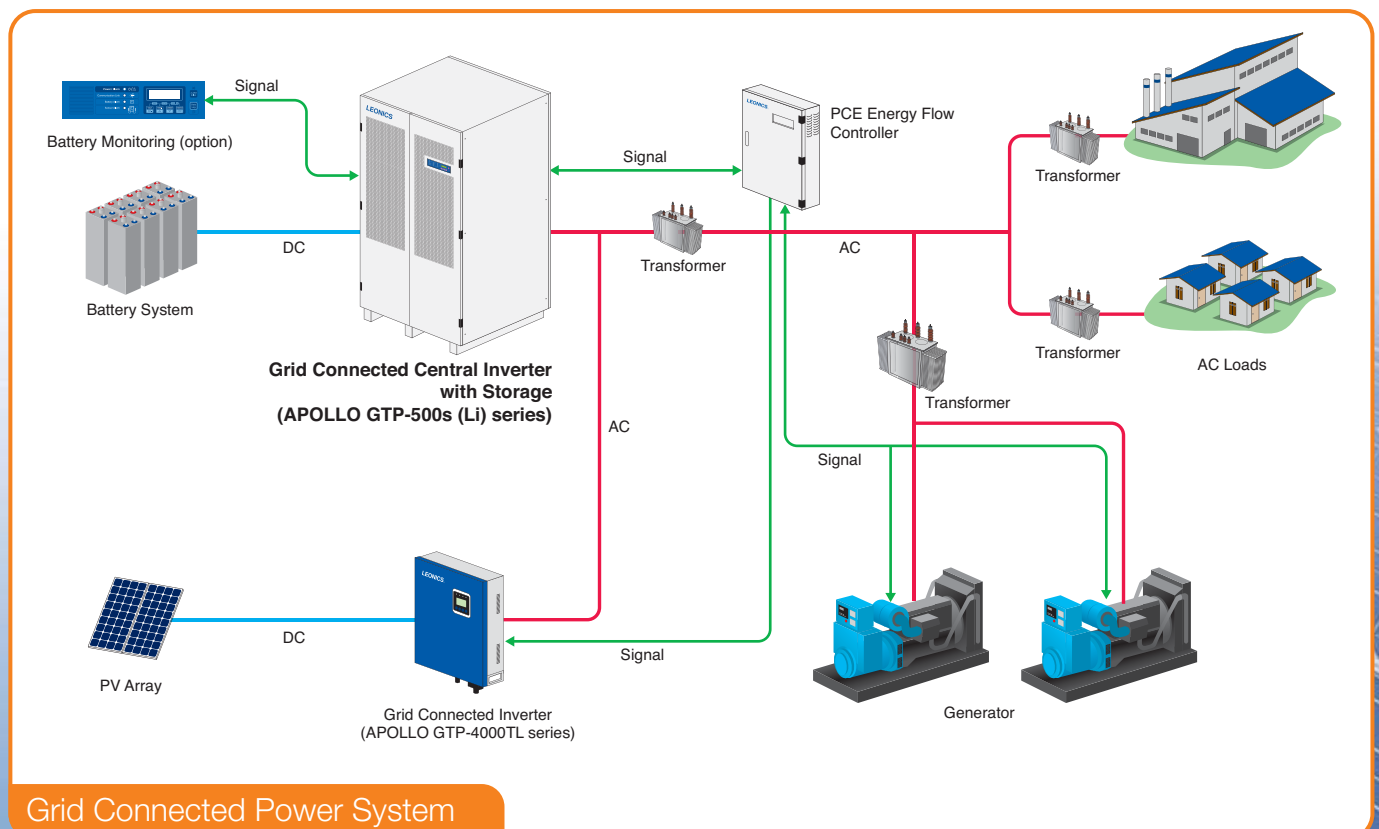


APOLLO GTP-500s(Li)

Grid Connected Central Inverter with Storage

- Three phase grid connected inverter with built-in output transformer
- Maximum inverter efficiency > 96%
- Low Total Harmonic Distortion (THDi)
- Dynamic power management function to support utility grid
- Usable with different types of battery technologies
- Over and under voltage and frequency protections
- Superior user protection with galvanic isolation
- Display LCD unit for voltage, current, watt, energy, and accumulated energy at inverter for each phase and three phase
- Receive external command to supply real and reactive power
- Capable to supply power factor from -0.8 to 0.8
- Parallel operation for higher system energy production (option)
- ISO 9001 and ISO 14001 certified factory



APOLLO GTP-500s(Li) series Grid Connected Central Inverter with Storage

SPECIFICATIONS

MODEL		GTP-507Ks(Li)	GTP-510Ks(Li)	GTP-512Ks(Li)
RATED POWER	AC output	125 kW	200 kW	250 kW
SYSTEM		IGBT technology		
STORAGE /	DC voltage range	600 to 820Vdc		
DC INPUT / OUTPUT	Rated DC voltage	700 Vdc		
	Max DC charge current	125 A	200 A	250 A
	Max DC discharge current	250 A	400 A	500 A
AC OUTPUT TO GRID LINE	Grid line voltage	380 / 400 / 415 Vac (L-L), 220 / 230 / 240 Vac (L-N) (-15%, +10 %)		
	Phase	Three phase four wires		
	Frequency	50 / 60 Hz $\pm$ 0.5 Hz ($\pm$ 0.2 Hz to $\pm$ 5 Hz adjustable)		
	Power factor	> 0.98		
	Total harmonic distortion	THDi < 3%		
	Max. AC charge current	200 A	320 A	400 A
	Max. discharge current	189.4 A	303 A	378.8 A
ISOLATION	Galvanic isolation	yes		
EFFICIENCY	Inverter peak efficiency	> 96.3%		
PROTECTION	Input / Output	Over voltage, under voltage (AC&DC), frequency (AC)		
	Islanding operation	Active and passive anti-islanding		
	Over heat	Automatic shutdown and restart		
	Surge dissipation	20 kA Category C1 for AC (separate supply)		
INDICATOR	LED	Mains, Operating, Synchronize, DC, Over temp., Alarm		
	LCD display	Input (voltage, current, power, frequency), Generated power, Generated energy, Accumulated energy, DC (voltage, current, power, energy, accumulated energy), status		
AUDIBLE ALARM		Mains failure, inverter fault		
COMMUNICATION INTERFACE		RS-485 communication,		
		Remote monitoring system with GSM/GPRS modem (option)		
POWER CONSUMPTION		less than 40 Watt in standby mode,		
COOLING		Force fan cooling		
ENVIRONMENT	Temperature	0 - 45°C		
	Relative humidity	0 - 95 % (non - condensing)		
DESIGN REGULATION	Standard	IEC 61627, IEC 62116, IEC 62109-1, 2		
DIMENSION (W x H x D) (cm)	Top-cable entry	90 x 188 x 105	(C) 80 x 205 x 105 and (TF) 120 x 205 x 105	
	Bottom-cable entry	90 x 188 x 105	(C) 80 x 205 x 105 and (TF) 120 x 205 x 105	
WEIGHT (approx. in kg)	Top-cable entry	911	(C) 610 and (TF)) 1,170	(C) 650 and (TF) 1,270
	Bottom-cable entry	911	(C) 610 and (TF) 1,170	(C) 650 and(TF) 1,270

(C) means Control Unit, (TF) means Transformer Unit. Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Distributor

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