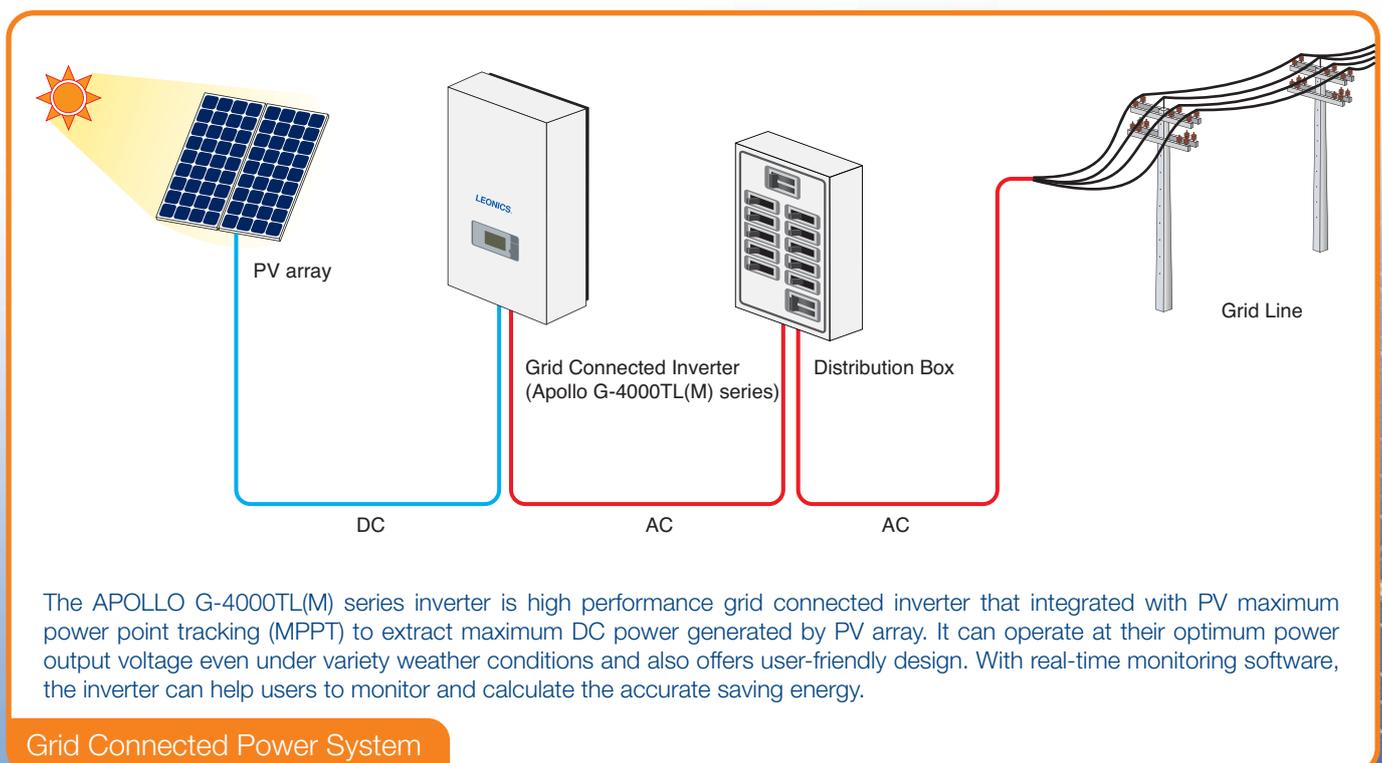


## APOLLO G-4000TL(M)

### Grid Connected Inverter



- Advanced DSP control technology delivers accurate data
- Light weight with output transformerless topology
- High efficiency
- Integrate with Maximum Power Point Tracking (MPPT)
- Built-in PV circuit breaker
- Special design for using at high grid fluctuation area
- Industrial-grade components used for robust operation
- IP65 protection for outdoor and harsh environment
- Comprehensive LCD display
- Data log up to 15 years
- Real time monitoring software
- Tested to comply with MEA, IEC 61727 and IEC 62116 standards
- 5 Years warranty
- ISO 9001 and ISO 14001 certified factory



The APOLLO G-4000TL(M) series inverter is high performance grid connected inverter that integrated with PV maximum power point tracking (MPPT) to extract maximum DC power generated by PV array. It can operate at their optimum power output voltage even under variety weather conditions and also offers user-friendly design. With real-time monitoring software, the inverter can help users to monitor and calculate the accurate saving energy.

## APOLLO G-4000TL(P) series Grid Connected Inverter

### SPECIFICATIONS

MODEL		G-4300TL(M)	G-4500TL(M)
RATED POWER	DC input	3.3 kW	5.5 kW
	AC output	3.0 kW	5.0 kW
DC INPUT	Nominal DC voltage	370 Vdc	
	MPPT voltage range ( $V_{mp}$ )	250 - 500 Vdc	180 - 500 Vdc
	Max. DC voltage ( $V_{oc}$ )	510 Vdc	
	Start-up voltage / Initial feeding voltage	125 Vdc / 150 Vdc	
	Max. input current	1 x 13 A	2 x 15 A
	Number of MPPTs / Strings per MPPT	2 / A:1 B:1	
	AC OUTPUT	Voltage and phase	200 - 240 Vac for 230 Vac (single phase) (for MEA grid line)
Frequency		50 / 60 Hz	
Nominal output current		13 A	20 A
Nominal apparent power		3.0 kVA	5.0 kVA
Power factor		more than 0.99	
Total harmonic distortion		total less than 4%, each less than 3%	
Current limiting		110%	
EFFICIENCY	Peak efficiency	97 %	
PROTECTION	DC reverse polarity	yes	
	Ground fault monitoring	yes	
	Grid monitoring	yes	
	AC short circuit	yes	
	Over current	30 A	50 A
INDICATOR	LCD display	PV input voltage, AC output voltage, AC output frequency, Today generated energy, Total generated energy, PV module status, Inverter status, Grid line status, Warning, Fault	
COMMUNICATION INTERFACE	Communication port	USB port and RS-232 serial interface port	
	SNMP and Modbus card	option	
ACOUSTIC NOISE	At 1 metre	less than 50 dBA	
ENVIRONMENT	Temperature	-25°C to 60°C	
	Humidity	0 - 95 % (non - condensing)	
DESIGN	Standard	IEC 61727, IEC 62116, AS 3100 and AS 4777	
REGULATION	Enclosure	IP 65	
DIMENSION	W x H x D in cm.	27 x 45 x 16	31 x 51.5 x 18.2
WEIGHT	Approximate in kg.	15	20.5

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

Authorized Distributor

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