



SUPER SAVINGS



# GRID INTERACTIVE INVERTERS

**EXPERT KO BULAO,  
APNI BIJLI BANAO.**



# ***ABOUT LIVGUARD***

Livguard Energy Technologies Pvt. Ltd. (LETPL), one of India's leading providers for power energy solutions is poised to transform the world with its cutting edge technology in solar solutions, power back-up, automotive solutions & e-rickshaw batteries. Livguard was founded in the year 2014 and is a part of the SAR Group which has been serving the nation for the past three decades. With our technologically advanced toolkit and trained technicians, we have achieved the customer's trust and faith in our products and services. This has helped us reach the 4,000 crore company milestone in a short period of time.



# GRID INTERACTIVE INVERTER (GI)

## Product Description

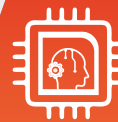
G3 series of Grid Interactive (GI) Inverters are compatible with new age Mono PERC half Cut Solar Panels upto 580Wp. With an attractive design and powerful features, this inverter comes with best in class warranty.

## Application

Homes and establishments that need to reduce their electricity bills.



Wide Operating Voltage Range



Smart remote Monitoring Included with LivMonitor 360



Low self consumption at night <1W



Compact design, light in weight

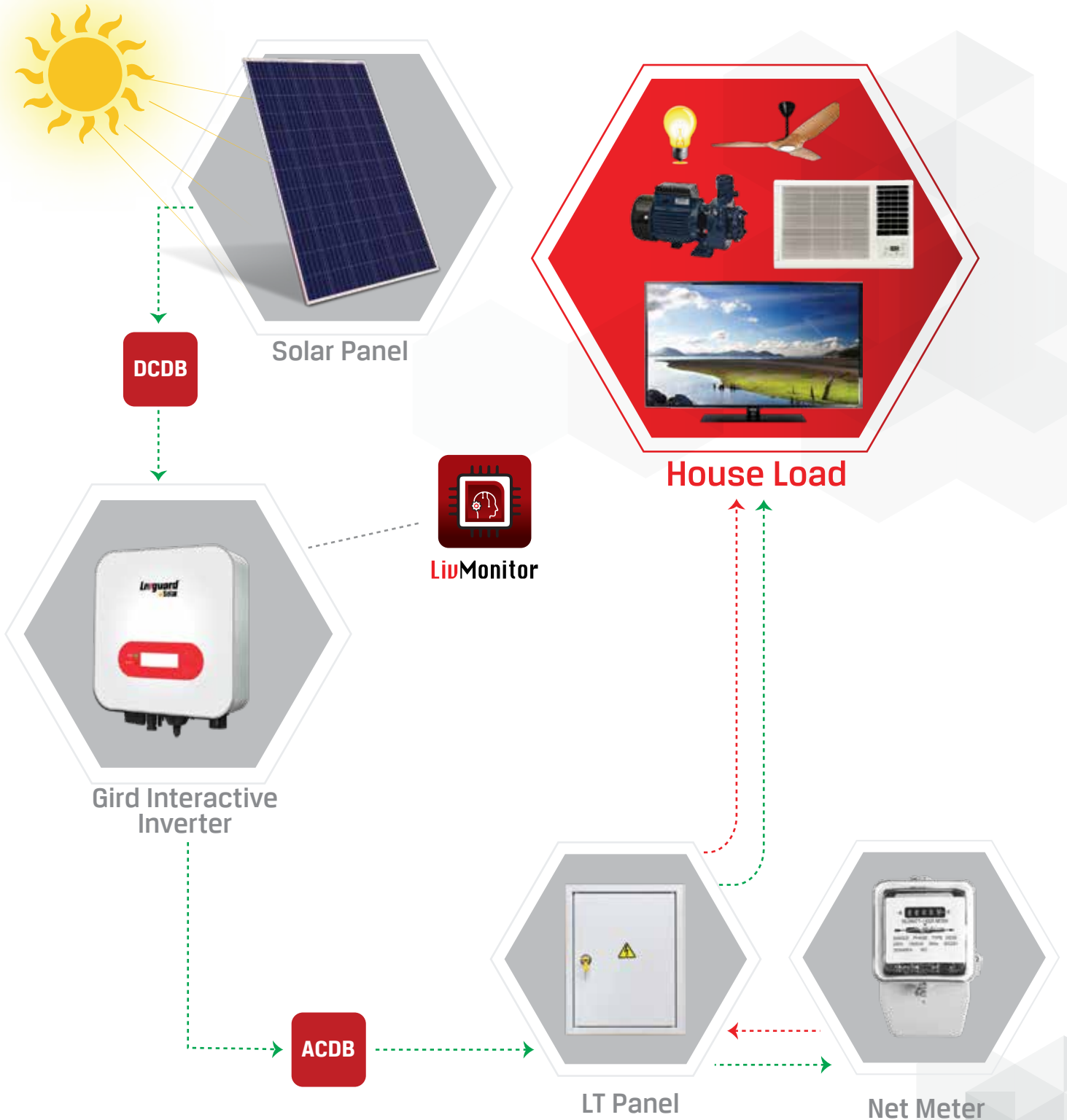


15A Isc to accommodate high rating panels.

**10** YEAR  
PRODUCT  
WARRANTY



# GRID INTERACTIVE INVERTER (GI)



# SPECIFICATION

Parameters	LS305GI - G3	LS308GI - G3	LS310GI - G3	LS315GI - G3	LS320GI - G3	LS324GI - G3
<b>Input (DC)</b>						
Max. Recommended PV Input Power	7500W	12000W	15000W	22500W	30000W	36000W
Start-up Input Voltage	160V					
Number of MPPTs	2					
MPPT Voltage Range	140-1000V					
Input Range with Full Power Operation with 2 MPPTs Parallel	240-850V	380-850V	420-850V		480-850V	540-850V
Max. Input Current	13A/13A			26A/26A		
Input Short-circuit Current for each MPPT	18A/18A			36A/36A		
<b>Output (AC)</b>						
Nominal Output Power	5000W	8000W	10000W	15000W	20000W	24000W
Max. Output Power	5500VA	8800VA	11000VA	16500VA	22000VA	26400VA
Max. Output Current	8A	12.8A	15.9A	23.9A	31.9A	38.3A
Nominal Grid Frequency	50/60Hz					
THD/THDi	< 3 %					
<b>Efficiency, Safety and Protection</b>						
Max. Efficiency	98.4%	98.5%	98.5%	98.6%		
Euro Efficiency	97.5%	98.0%	98.0%	98.2%		
MPPT Adaptation Efficiency	> 99.9%					
Self-consumption at Night	< 1 W					
Communication	RS485, WiFi/GPRS (optional)					
DC Switch	Yes					
DC Reverse Polarity Protection	Yes					
Input / output SPD	PV: type II standard, AC: type II standard					
Other Protections	Anti-islanding protection, Leakage current protection, Ground fault monitoring, PV-array string fault monitoring					
<b>General Data</b>						
Ambient Temperature	(-)30°C to +60°C					
Cooling	Natural				Fan	
Display	LCD&Bluetooth +APP					
Dimension	513*425*169mm					
Weight	17Kg	18Kg	18Kg	20Kg	22Kg	23Kg
Noise	< 40 dB					
Ingress Protection	IP 65					
Warranty	10 Years					
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4					
Grid Standard	AS/NZS 4777, VDE V 0124-100, V 0126-1-1, VDE-AR-N 4105, CEI 0-21/CEI 0-16, UNE 206 007-1, EN50549, G98/G99, EN50530, NB/T32004					
Safety Standard	IEC62109-1/2, IEC62116, IEC61727, IEC61683, IEC60068(1,2,14,30)					

NOTE: Specifications included in this datasheet are subject to change without notice.

# Livguard<sup>TM</sup> Solar



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Livguard

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