

Head office: SUNTREE Electric Group Co., Ltd.

┐ Add: Xinguang Industrial Zone, Liushi, Yueqing Zhejiang China
Tel: +86 577 6289 0205
Web: www.chinasuntree.com
Main products: Solar Accessories, such as Combiner box, DC breaker, DC isolator switch, DC spd,etc,

┐ **Shanghai SUNTREE Electric Co., Ltd.** (Production base 1)
Add: No. 65 Haifeng Road, Baoshan District, Shanghai, China
Tel: +86 21 5161 9313
Main items: ATS, Load isolator switch, circuit breaker,etc

┐ **Zhejiang Nudy Electric Equipment Co.,Ltd.** (production base 2)
Add: Fangdouyan Industrial Zone, Liushi, Yueqing Zhejiang China
Tel: +86 577 6178 8115
Main products: Power distribution cabinet, etc

┐ **Shenzhen Litto New Energy Co.,Ltd.** (production base 3)
Add: Bldg. B, Bafangyuan Science Park, Sanmin Rd. No.3 Rd., Shuitian, Shiyan, Baoan, Shenzhen.
Tel: 86-755-8170 7800
Main products: on grid inverter, hybrid inverter, etc,

┐ **Wenzhou Xinch International Trade Co.,Ltd.**
Yueqing Xinch Imp&Exp Co.,Ltd.
Add:Xinguang Industrial Zone,Liushi,Yueqing,Zhejiang,China.
Tel: +86 577 6289 0205
Web: www.chinasuntree.com
E-mail: tony@chinasuntree.com
sell all products which are produced by suntree group in international market

INVERTER

PRODUCT INTRODUCTION

High efficiency On-grid Inverter

- New SiC-Mosfet+SiC-SBD design
- **54K** ultra high operating frequency
- All Weather Proof...**IP 65**
- Wide MPPT range
- With **99.99%** MPPT efficiency
- Display on **multilingual**
- Leading multi-strating technology
- Monitor data and status **anytime, anywhere**
- Remote monitoring by WIFI



Change Feature, Unchange Nature!

Litto
Change Future, Unchange Nature



We have **10 years** experience
in PV inverter design and manufacturing

Our engineers have served in
KSTAR EMERSON
and other enterprises

We use first-class brand components:
NCC US Ti Vintech Zettler LEM

We have Service Center in **Europe**

Change Feature , Unchange Nature!

INVERTER

Our products meet global standards:

Thailand India Australia Brazil
United Kingdom Sweden Mexico
Netherlands Poland Norway

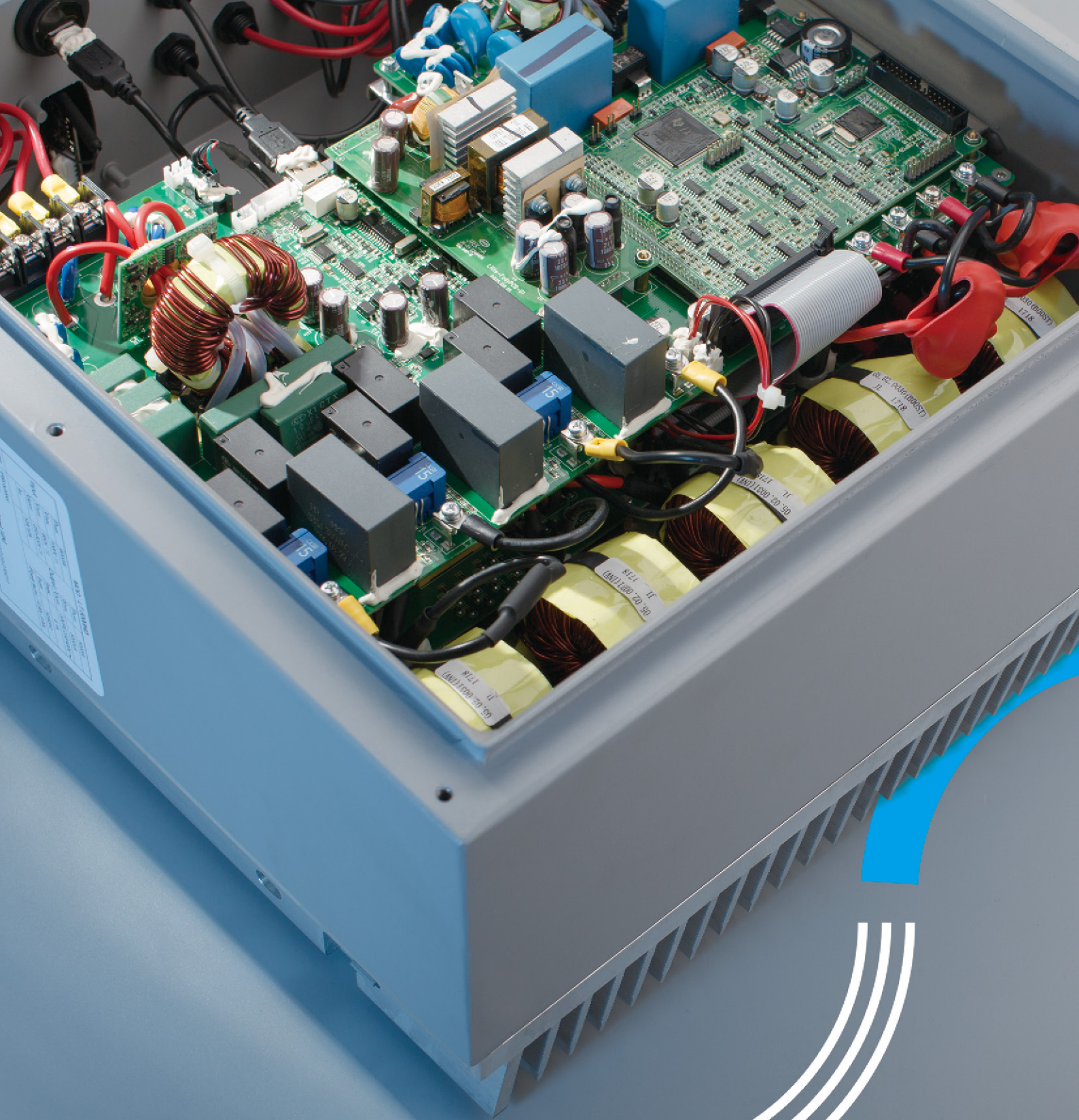
and other European countries and regions.





QUALIFICATION CERTIFICATION

With the expansion of business, Litto's vision is also more open.
We are trying to understand more about the needs of global users,
And strive to make our products and services,
Consistent with the rules of the country and region where it is located.



QUALITY COMES FROM DETAILS

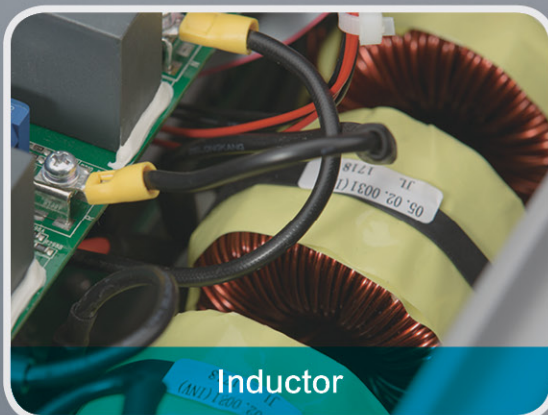
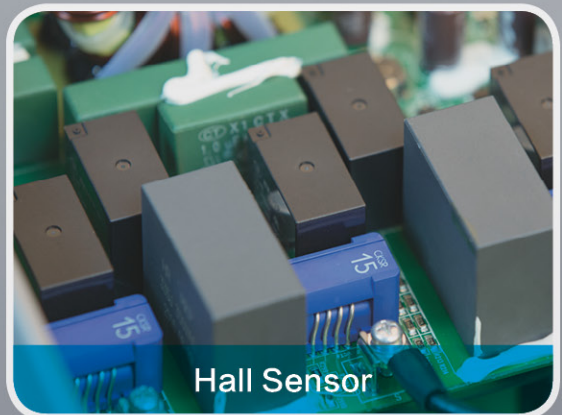
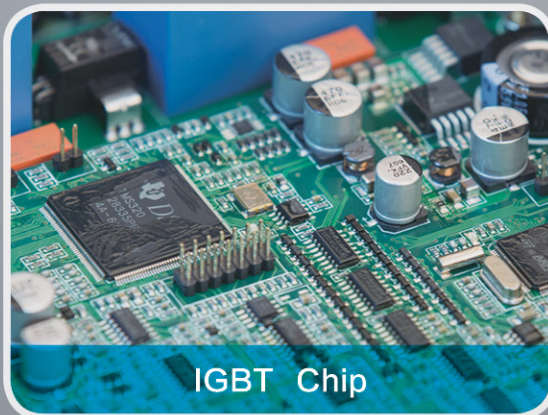
Quality comes from details

Every quality related detail will be doubly focused

We choose first-class components to form high quality foundation

Coupled with exquisite workmanship and perfect quality control

Ensure the stability and efficiency of the products





Change Feature , Unchange Nature!

www.litto.com.cn



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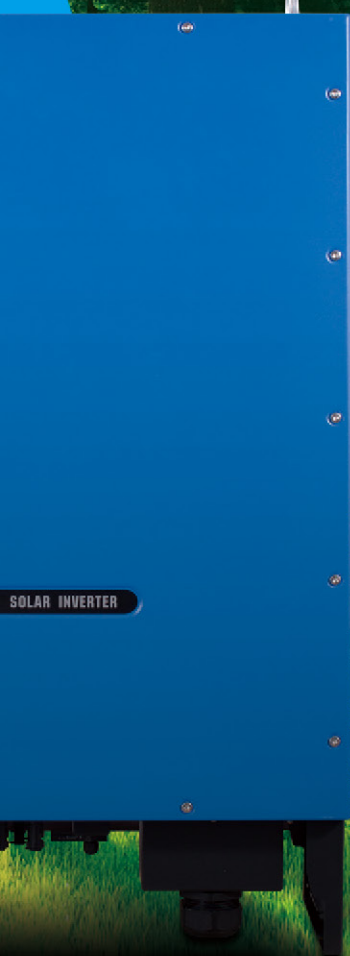
Litto Global Monitor Platform

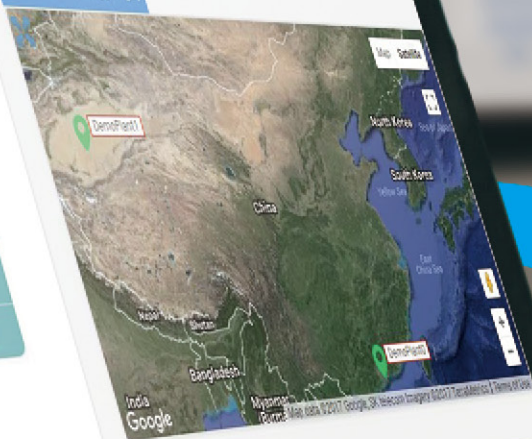
5000W On-Grid System Application Example

High Efficiency On-Grid Inverter

LS3000H-8000HD Series 01-06

LT5000HD-75000HD Series 07-16





DemoPlant0

Plant status

normal



DemoPlant1

Plant status

normal

Search

Add new plant

LITTO GLOBAL MONITOR PLATFORM

It is the WEB front end product of the light house management system. It presents data of different dimensions of power plants and equipment from different perspectives of users, including data tables, charts, maps etc, while providing device control functions. Smart WIFI system allows to monitor PV system performance in real time and remote service on phone or PC. Low maintenance project.

LS3000H

LS3000H Series

Litto

SINGLE-PHASE STRING INVERTERS

High-efficiency power generation

Wide DC voltage input range, maximum conversion efficiency of 97.5%

Safe and reliable

Components from premium brand ensure product operate stably

Friendly grid

Built-in anti-backflow mode, support for grid dispatch instructions, continuous and adjustable active power

Intelligent management

Support remote monitoring, parameter setting, fault diagnosis, and software upgrade



High-efficiency power generation



Safe and reliable



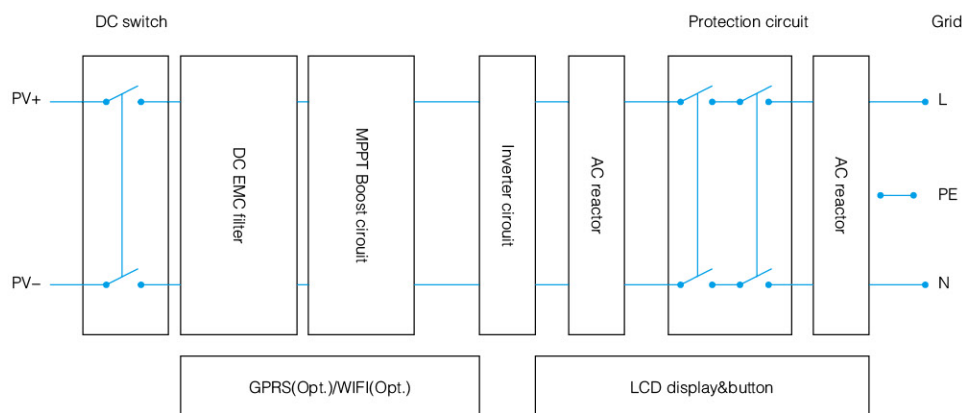
Friendly grid



Intelligent management

www.litto.com.cn

Circuit schematic



Input(DC)

Model	LS1000H	LS2000H	LS3000H
Max.DC power	1100W	2100W	3300W
Max.DC voltage	450VDC	450VDC	550 VDC
MPPT voltage range	70-450VDC	70-450VDC	100-480VDC
Max.input current / per string	13.0A	13A	15A
Number of MPPT Trackers/String per MPPT Tracker	1/2	1/2	1/2

Output(AC)

Model	LS1000H	LS2000H	LS3000H
Nominal output power	1000W	2000W	3000W
Maximum AC output power	1000W	2000W	3300W
Maximum AC apparent power	1000VA	2100VA	3300VA
Max. output current	5.0A	10.0A	14.5A
AC line voltage	220/230/240 VAC	220/230/240 VAC	220/230/240 VAC
Grid frequency	50/60Hz	50/60Hz	50/60Hz
Power factor(COS ϕ) (adjustable)	0.90i....0.90c	0.90i....0.90c	0.80i....0.80c
Harmonics	<3%	<3%	<3%

Efficiency

Model	LS1000H	LS2000H	LS3000H
Max.Efficiency	97.00%	97.20%	97.50%
Euro-Efficiency	96.50%	96.70%	97.00%
MPPT Efficiency	99.90%	99.90%	99.90%

General Data

Model	LS1000H	LS2000H	LS3000H
Dimension (W/H/D)	300/415/177mm	300/415/177mm	300/415/177mm
Weight	14kg	14kg	14kg
Operating Temperature Range	-25℃ ~+60℃	-25℃ ~+60℃	-25℃ ~+60℃
Degree of Protection	IP65	IP65	IP65
Cooling method	Natural cooling	Natural cooling	Natural cooling
Topology	No transformer	No transformer	No transformer
Humidity	0-95%, Non-condensing	0-95%, Non-condensing	0-95%, Non-condensing
Communication interfaces	GPRS(Optional)/WIFI(Optional)	GPRS(Optional)/WIFI(Optional)	GPRS(Optional)/WIFI(Optional)
Standar Warranty	5 years	5 years	5 years

All above are the main models of our machines, see , more at our website

LS5000HD

LS5000HD Series

Litto

SINGLE-PHASE STRING INVERTERS

High-efficiency power generation

Wide DC voltage input range, maximum conversion efficiency of 98.3%

Safe and reliable

Components from premium brand ensure product operate stably

Friendly grid

Built-in anti-backflow mode, support for grid dispatch instructions, continuous and adjustable active power

Intelligent management

Support remote monitoring, parameter setting, fault diagnosis, and software upgrade



High-efficiency power generation



Safe and reliable



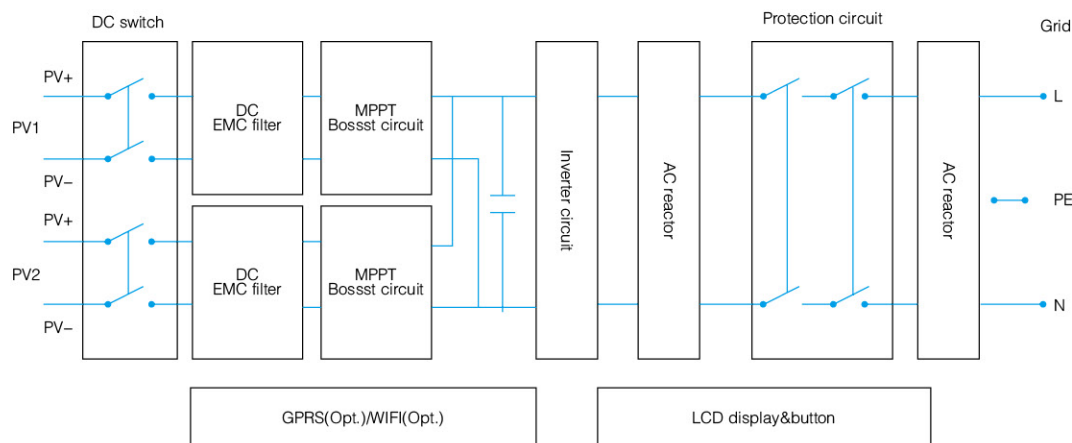
Friendly grid



Intelligent management

www.litto.com.cn

Circuit schematic



Input(DC)

Model	LS3000HD	LS5000HD
Max.DC power	3300W	5500W
Max.DC voltage	520VDC	520VDC
MPPT voltage range	100~450VDC	100~450VDC
Max.input current / per string	15A	15A
Number of MPPT Trackers/String per MPPT Tracker	2/1	2/1

Output(AC)

Model	LS3000HD	LS5000HD
Nominal output power	3000W	5000W
Maximum AC output power	3300W	5500W
Maximum AC apparent power	3300VA	5500VA
Max. output current	14.5A	24A
AC line voltage	220/230/240 VAC	220/230/240 VAC
Grid frequency	50/60Hz	50/60Hz
Power factor(COS ϕ) (adjustable)	0.8 i...1...0.8c	0.8 i...1...0.8c
Harmonics	<3%	<3%

Efficiency

Model	LS3000HD	LS5000HD
Max.Efficiency	97.8%	98.3%
Euro-Efficiency	97.2%	97.5%
MPPT Efficiency	99.9%	99.9%

General Data

Model	LS3000HD	LS5000HD
Dimension (W/H/D)	300/415/180mm	300/415/177mm
Weight	14kg	14kg
Operating Temperature Range	-25℃ ~+60℃	-25℃ ~+60℃
Degree of Protection	IP65	IP65
Cooling method	Natural cooling	Natural cooling
Topology	No transformer	No transformer
Humidity	0~95%, Non-condensing	
Communication interfaces	GPRS(Optional)/WIFI(Optional)	
Standard Warranty	5 years	

All above are the main models of our machines, see , more at our website.

LS8000HD

LS8000HD Series

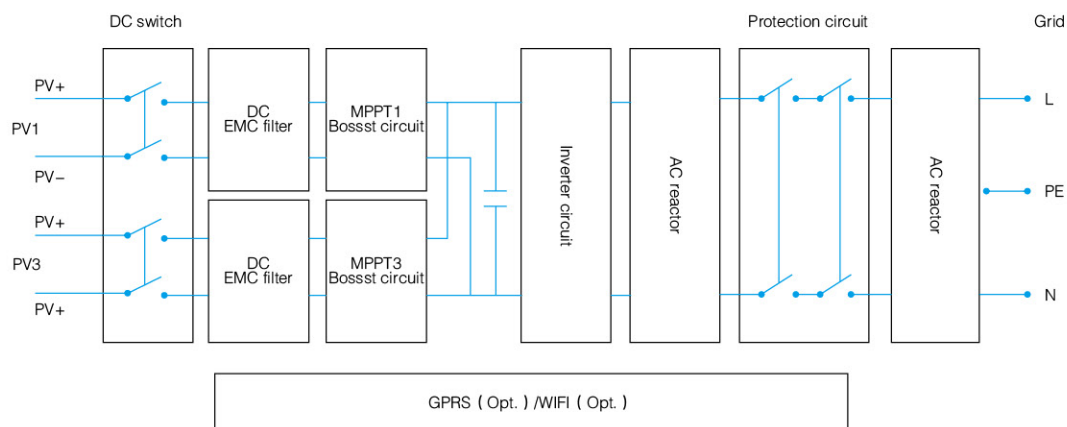


SINGLE-PHASE STRING INVERTERS

Product features

3 MPPT trackers, wider input voltage range
Full body die-cast molding to adapt to harsh environments
Superior quality guarantees a longer life

Circuit schematic



Input(DC)

Model	LS6000HD	LS7000HD	LS8000HD
Max.DC power	6600W	7700W	8800W
Max.DC voltage	520VDC	600VDC	600VDC
MPPT voltage range	100–450VDC	100–500VDC	100–500VDC
Max.input current / per string	15A	12.0A	12.0A
Number of MPPT Trackers/ String per MPPT Tracker	2/1	3/1	3/1

Output(AC)

Model	LS6000HD	LS7000HD	LS8000HD
Nominal output power	6000W	7000W	8000W
Maximum AC output power	6600W	7700W	8000W
Maximum AC apparent power	6600VA	7700VA	8000VA
Max. output current	24A	33.0A	35.0A
AC line voltage	220/230/240 VAC	220/230/240 VAC	220/230/240 VAC
Grid frequency	50/60Hz	50/60Hz	50/60Hz
Power factor(COS ϕ) (adjustable)	0.80i...0.80c	0.80i...0.80c	0.80i...0.80c
Harmonics	<3%	<3%	<3%

Efficiency

Model	LS6000HD	LS7000HD	LS8000HD
Max.Efficiency	98.2%	98.3%	98.4%
Euro-Efficiency	97.5%	97.6%	97.7%
MPPT Efficiency	99.9%	99.9%	99.9%

General Data

Model	LS6000HD	LS7000HD	LS8000HD
Dimension (W/H/D)	395/415/177mm	400/430/160mm	400/430/160mm
Weight	16.5kg	16.5kg	16.5kg
Operating Temperature Range	-25°C ~+60°C	-25°C ~+60°C	-25°C ~+60°C
Degree of Protection	IP65	IP65	IP65
Cooling method	Natural cooling	Natural cooling	Natural cooling
Topology	No transformer	No transformer	No transformer
Humidity	0–95%, Non-condensing		
Communication interfaces	GPRS(Opt.)/WIFI(Opt.)		
Standar Warranty	5 years		

All above are the main models of our machines, see more at our website.

LT12000HD

LT12000HD Series



THREE-PHASE STRING INVERTERS

High-efficiency power generation

Wide DC voltage input range, maximum conversion efficiency of 98.3%

Safe and reliable

Components from premium brand ensure product operate stably

Friendly grid

Built-in anti-backflow mode, support for grid dispatch instructions, continuous and adjustable active power

Intelligent management

Support remote monitoring, parameter setting, fault diagnosis, and software upgrade



High-efficiency power generation



Safe and reliable

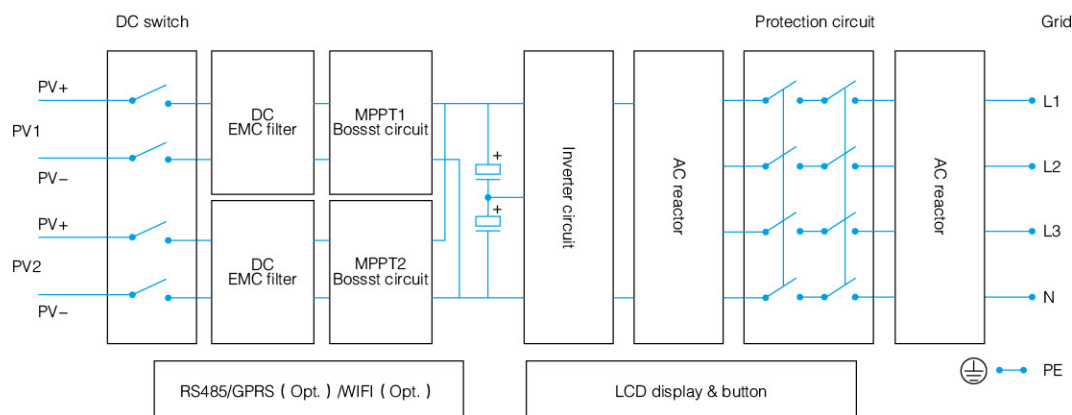


Friendly grid



Intelligent management

Circuit schematic



Input(DC)

Model	LT5000HD	LT8000HD	LT10000HD	LT12000HD
Max.DC power	5500W	8800W	11000W	1320W
Max.DC voltage	1000VDC	1000VDC	1000VDC	1000VDC
MPPT voltage range	250~820VDC	250~820VDC	250~820VDC	250~820VDC
Max.input current / per string	15A	15A	15A	20A
Number of MPPT Trackers/ String per MPPT Tracker	2/1	2/1	2/1	2/1

Output(AC)

Model	LT5000HD	LT8000HD	LT10000HD	LT12000HD
Nominal output power	5000W	8000W	10000W	12000W
Maximum AC output power	5000W	8000W	10000W	12000W
Maximum AC apparent power	5000VA	8000VA	10000VA	1200VA
Max. output current	8A	13A	16A	19A
AC line voltage	3N~, 230/400 VAC	3N~, 230/400 VAC	3N~, 230/400 VAC	3N~, 230/400 VAC
Grid frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power factor(COS ϕ) (adjustble)	0.80i...0.80c	0.80i...0.80c	0.80i...0.80c	0.80i...0.80c
Harmonics	<3%	<3%	<3%	<3%

Efficiency

Model	LT5000HD	LT8000HD	LT10000HD	LT12000HD
Max.Efficiency	98.3%	98.3%	98.3%	98.3%
Euro-Efficiency	97.8%	97.8%	97.8%	97.8%
MPPT Efficiency	99.9%	99.9%	99.9%	99.9%

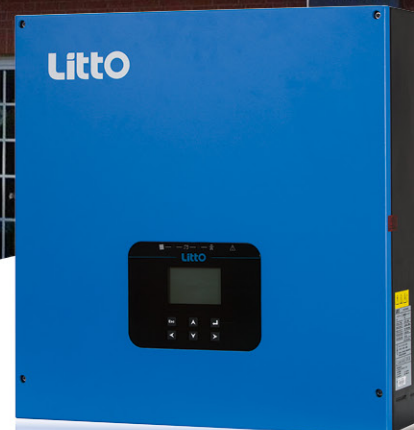
General Data

Model	LT5000HD	LT8000HD	LT10000HD	LT12000HD
Dimension (W/H/D)	385/480/245mm	385/480/245mm	385/480/245mm	385/480/245mm
Weight	22.5kg	22.5kg	22.5kg	22.5kg
Operating Temperature Range	-25℃ ~+60℃	-25℃ ~+60℃	-25℃ ~+60℃	-25℃ ~+60℃
Degree of Protection	IP65	IP65	IP65	IP65
Cooling method	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Topology	No transformer	No transformer	No transformer	No transformer
Humidity	0~95%, Non-condensing			
Communication interfaces	RS485/WIFI、GPRS			
Standar Warranty	5 years			

All above are the main models of our machines, see more at our website.

LT20000HD

LT20000HD Series



THREE-PHASE STRING INVERTERS

High-efficiency power generation

Wide DC voltage input range, maximum conversion efficiency of 98.3%

Safe and reliable

Components from premium brand ensure product operate stably

Friendly grid

Built-in anti-backflow mode, support for grid dispatch instructions, continuous and adjustable active power

Intelligent management

Support remote monitoring, parameter setting, fault diagnosis, and software upgrade



High-efficiency power generation



Safe and reliable

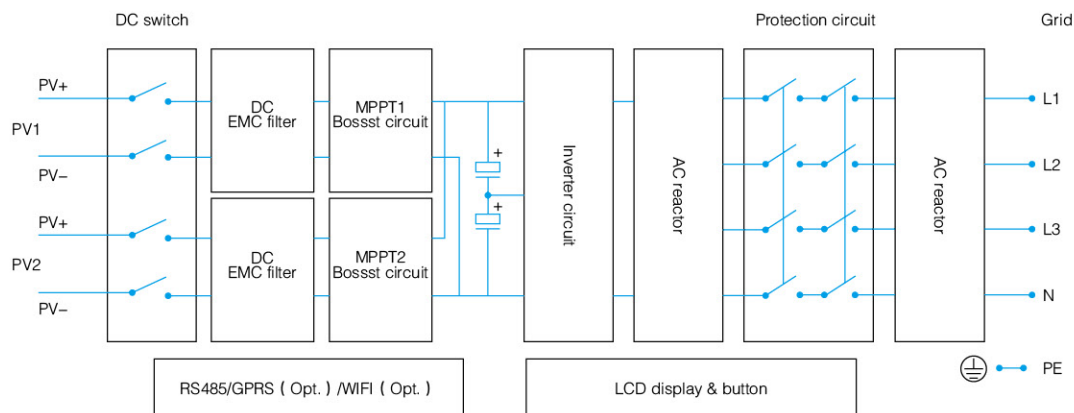


Friendly grid



Intelligent management

Circuit schematic



Input(DC)

Model	LT15000HD	LT18000HD	LT20000HD
Max.DC power	16500W	19800W	22000W
Max.DC voltage	1000VDC	1000VDC	1000VDC
MPPT voltage range	250~820VDC	250~820VDC	250~820VDC
Max.input current / per string	25.0A	30A	30A
Number of MPPT Trackers/ String per MPPT Tracker	2/2	2/2	2/2

Output(AC)

Model	LT15000HD	LT18000HD	LT20000HD
Nominal output power	15000W	18000W	20000W
Maximum AC output power	15000W	18000W	20000W
Maximum AC apparent power	15000VA	18000VA	20000VA
Max. output current	24A	29A	30A
AC line voltage	3N~, 230/400 VAC	3N~, 230/400 VAC	3N~, 230/400 VAC
Grid frequency	50/60Hz	50/60Hz	50/60Hz
Power factor(COS ϕ) (adjustable)	0.80i...0.80c	0.80i...0.80c	0.80i...0.80c
Harmonics	<3%	<3%	<3%

Efficiency

Model	LT15000HD	LT18000HD	LT20000HD
Max.Efficiency	98.4%	98.4%	98.4%
Euro-Efficiency	97.5%	97.5%	97.5%
MPPT Efficiency	99.9%	99.9%	99.9%

General Data

Model	LT15000HD	LT18000HD	LT20000HD
Dimension (W/H/D)	505/525/245mm	505/525/245mm	505/525/245mm
Weight	37kg	37kg	37kg
Operating Temperature Range	-25℃ ~+60℃	-25℃ ~+60℃	-25℃ ~+60℃
Degree of Protection	IP65	IP65	IP65
Cooling method	Natural cooling	Natural cooling	Natural cooling
Topology	No transformer	No transformer	No transformer
Humidity	0~95%, Non-condensing		
Communication interfaces	RS485/WIFI、GPRS		
Standar Warranty	5 years		

All above are the main models of our machines, see more at our website.

LT40000HD

LT40000HD Series



THREE-PHASE STRING INVERTERS

High-efficiency power generation

Wide DC voltage input range, maximum conversion efficiency of 98.3%

Safe and reliable

Components from premium brand ensure product operate stably

Friendly grid

Built-in anti-backflow mode, support for grid dispatch instructions, continuous and adjustable active power

Intelligent management

Support remote monitoring, parameter setting, fault diagnosis, and software upgrade



High-efficiency power generation



Safe and reliable

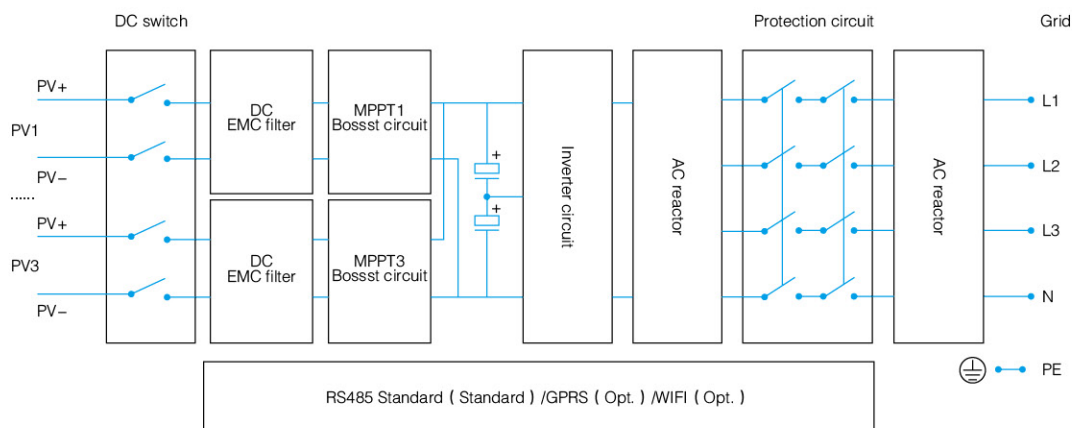


Friendly grid



Intelligent management

Circuit schematic



Input(DC)

Model	LT30000HD	LT36000HD	LT40000HD
Max.DC power	33000W	39600W	44000W
Max.DC voltage	1100VDC	1100VDC	1100VDC
MPPT voltage range	250~880VDC	250~880VDC	250~820VDC
Max.input current / per string	30A	30A	30A
Number of MPPT Trackers/ String per MPPT Tracker	3/2	4/2	4/2

Output(AC)

Model	LT30000HD	LT36000HD	LT40000HD
Nominal output power	30000W	36000W	40000W
Maximum AC output power	33000W	39600W	44000KW
Maximum AC apparent power	33000VA	39600VA	44000VA
Max. output current	47.6A	57.2A	63.5A
AC line voltage	3N~, 230/400 VAC	3N~, 230/400 VAC	3N~, 230/400 VAC
Grid frequency	50/60Hz	50/60Hz	50/60Hz
Power factor(COS ϕ) (adjustable)	0.80i...0.80c	0.80i...0.80c	0.80i...0.80c
Harmonics	<3%	<3%	<3%

Efficiency

Model	LT30000HD	LT36000HD	LT40000HD
Max.Efficiency	98.3%	98.3%	98.3%
Euro-Efficiency	98.0%	98.0%	98.0%
MPPT Efficiency	99.9%	99.9%	99.9%

General Data

Model	LT30000HD	LT36000HD	LT40000HD
Dimension (W/H/D)	650/705/275mm	650/705/275mm	650/705/275mm
Weight	50kg	50kg	50kg
Operating Temperature Rande	-25℃ ~+60℃	-25℃ ~+60℃	-25℃ ~+60℃
Degree of Protection	IP65	IP65	IP65
Cooling method	Natural cooling	Natural cooling	Natural cooling
Topology	No transformer	No transformer	No transformer
Humidity	0~95%, Non-condensing		
Communication interfaces	RS485/WIFI、GPRS		
Standar Warranty	5 years		

All above are the main models of our machines, see more at our website.

LT60000HD

LT60000HD Series



THREE-PHASE STRING INVERTERS

High-efficiency power generation

Wide DC voltage input range, maximum conversion efficiency of 98.3%

Safe and reliable

Components from premium brand ensure product operate stably

Friendly grid

Built-in anti-backflow mode, support for grid dispatch instructions, continuous and adjustable active power

Intelligent management

Support remote monitoring, parameter setting, fault diagnosis, and software upgrade



High-efficiency power generation



Safe and reliable

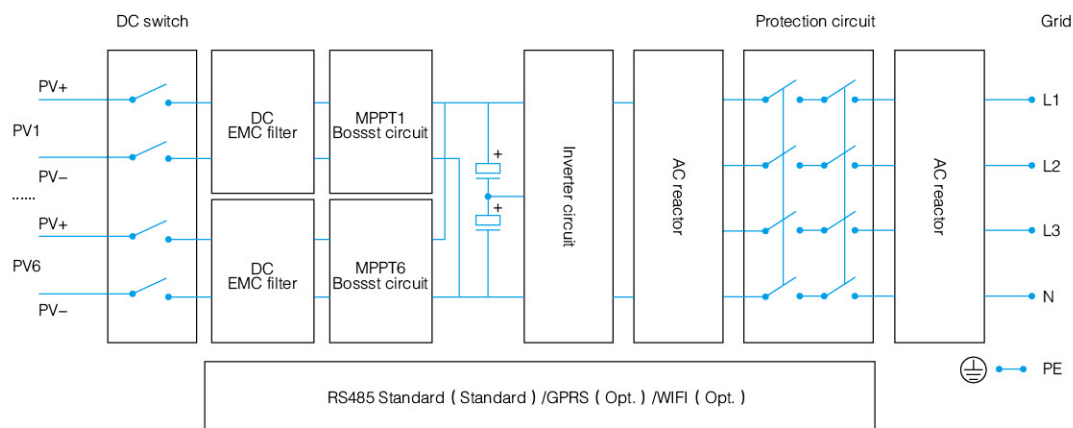


Friendly grid



Intelligent management

Circuit schematic



Input(DC)

Model	LT50000HD	LT60000HD	LT75000HD
Max.DC power	55000W	66000W	82000W
Max.DC voltage	1100VDC	1100VDC	1100VDC
MPPT voltage range	250~880VDC	250~880VDC	200~1050VDC
Max.input current / per string	22A	22A	22A
Number of MPPT Trackers/ String per MPPT Tracker	6/2	6/2	6/2

Output(AC)

Model	LT50000HD	LT60000HD	LT75000HD
Nominal output power	50000W	60000W	75KW
Maximum AC output power	55KW	66KW	77KW
Maximum AC apparent power	55000VA	66000VA	77KVA
Max. output current	83.0A	92A	93.0A
AC line voltage	3N~, 230/400 VAC	3N~, 230/400 VAC	3N ~ ,277/480VAC
Grid frequency	50/60Hz	50/60Hz	50/60Hz
Power factor(COS ϕ) (Adjustable)	0.80i...0.80c	0.80i...0.80c	0.8lead-0.8lag
Harmonics	<3%	<3%	<3%

Efficiency

Model	LT50000HD	LT60000HD	LT75000HD
Max.Efficiency	98.9%	98.9%	98.9%
Euro-Efficiency	98.3%	98.3%	98.3%
MPPT Efficiency	99.9%	99.9%	99.9%

General Data

Model	LT50000HD	LT60000HD	LT75000HD
Dimension (W/H/D)	656/950/275mm	650/850/257mm	656/950/275mm
Weight	70kg	70kg	70kg
Operating Temperature Rande	-25℃ ~+60℃	-25℃ ~+60℃	-25℃ ~+60℃
Degree of Protection	IP65	IP65	IP65
Cooling method	Natural cooling	Natural cooling	Natural cooling
Topology	No transformer	No transformer	No transformer
Humidity	0~95%, Non-condensing		
Communication interfaces	RS485/WIFI、GPRS		
Standar Warranty	5 years		

All above are the main models of our machines, see more at our website.



POWER PLANT MONITORING SYSTEM

Litto power plant monitoring system presents data of power plant and equipment from different dimensions in the view of various types of users, including data tables, charts, maps, and so on while providing control function of the device.

Interface

Interface style: beautiful and easy to operate

Clear logic: user-power plant-equipment, being simple and clear

Self-development: users can conduct secondary development according to the data of external interface

Customization

Style Customization: customized domain name, LOGO and interface are supported

Report Customization: data report of power plant sent daily, weekly and monthly is supported

Account number

Authority management: account classification, support for custom roles, authority downward allocation

Multi-point login: login APP, WEB and large-screen display terminal for the same account

Management

Power station management: the basic information and operation status of the power plant are clear at a glance
 Device management: it's easy for different roles to manage devices and the corresponding data under permissions
 Equipment failuer: remote parameter setting, parameter debugging and firmware upgrade are supported
 Alarm management: email, historical alarm can be traced

Datalog List

G0618251471094

Inverter

新驰车间0.9KW多晶硅组件

G0619140808494

Inverter

新驰车间25.93KW多晶硅组件

G0619140955968

Inverter

新驰车间50KW多晶硅组件

G0619141880435

Inverter

新驰车间50KW多晶硅组件

W0617227428258

Inverter

新驰15KW

W0617232741095

Inverter

新驰5kw

Plant Profiles

Power Generation Overview

Device Management

Alarm Event

Plant Information

Plant Analysis

Real time power

Monthly energy

Year energy

Annual generation capacity

Data Details

<

2019-08-26

>

Export

Device name: 新驰车间50KW多晶硅组件

timestamp	Running State	Total Energy(kWh)	Today Energy(kWh)	Total Active Output Power(W)	Voltage R(V)	Current R(A)	Output Power R(W)
2019-08-26 18:39:51	Normal	10187.5	121.7	83	238.6	3.4	10
2019-08-26 18:34:50	Normal	10187.5	121.7	94	236.7	3.2	10
2019-08-26 18:29:50	Normal	10187.5	121.7	94	239.2	3.2	10
2019-08-26 18:24:49	Normal	10187.5	121.7	133	238.4	3.4	10
2019-08-26 18:19:48	Normal	10187.5	121.7	213	237.9	3.4	10
2019-08-26 18:14:47	Normal	10187.5	121.7	460	237.3	3.2	29
2019-08-26 18:09:47	Normal	10187.5	121.7	795	237.8	3.2	83
2019-08-26 18:04:46	Normal	10187.5	121.7	1112	237.0	3.2	200
2019-08-26 17:59:45	Normal	10187.4	121.6	1389	238.0	3.2	269
2019-08-26 17:54:45	Normal	10187.3	121.5	1389	237.9	2.6	401
2019-08-26 17:49:43	Normal	10187.2	121.4	2306	237.6	3.3	398
2019-08-26 17:44:43	Normal	10187.1	121.3	2694	237.7	2.8	538
2019-08-26 17:39:43	Normal	10186.9	121.1	2867	237.6	3.5	752
2019-08-26 17:34:42	Normal	10186.7	120.9	2874	236.8	3.9	946
2019-08-26 17:29:41	Normal	10186.5	120.7	3058	242.1	5.7	959
2019-08-26 17:24:40	Normal	10186.3	120.5	4076	241.0	4.2	919
2019-08-26 17:19:40	Normal	10186.0	120.2	4103	241.2	5.1	1098
2019-08-26 17:14:39	Normal	10185.8	120.0	4183	238.9	5.5	1167
2019-08-26 17:09:38	Normal	10185.4	119.6	4605	240.7	5.5	1121

Pluggable Data Collector

Pluggable data collector, which supports Wi-Fi or GPRS communication mode, is used to collect and record the operating state and power generation of the inverter, remotely controlling the photovoltaic power generation system through the professional platform, managing the distributed power plant in a cost-effective manner. Scan the QR code on the right, download the mobile APP to monitor the operation of the power station in real time.

