

'.		
ı		
N1	COMPANY INTROD	UCTION
UT	About Longmax	03
	Core Capability	04
	Global Marketing	05
	Sustainable Development	07
	R&D	08
	Global Service	09
	Customer Appreciation	10
	Life-Cycle Service	11
	Order Delivery	12
	Social Responsibility	13
02	 MICROGRID SOLUTION 	ΓΙΟΝ
UZ		10
	Solution Introduction Solution Family	13

N3 †	Solar Solution	
UU	Solution Introduction	15
	LMMSC10-50 Solar Solution	16
	LMMSC20-130 Solar Solution	17
	LMMSC40-260 Solar Solution	18
N4 †	Solar+BESS Solution	
U4	Solution Introduction	19
	LMM10-25S-48B Solar+BESS Solution	20
	LMM20-97S-261B Solar+BESS Solution	21
	LMM-260S-500B Solar+BESS Solution	22
	Solar+DG Solution	
IIh I		
UJ	Solution Introduction	23
	Case Study	24
06	Solar+BESS+DG Solution	
UU	Solution Introduction	25
	Case Study	26



CORE CAPABILITY

Global Business

180+GW Global shipment 70+ Countries market

Sustainable Development

Well-established management system ISO9001 ISO14001 ISO45001 QMS Digital Operation Management

LONGMAX Core Capability

Life-cycle Service

Order Delivery

Professional "Life-cycle Service"

Extensive global service experience

Joint Development of Core Components

Flexible Manufacturing & Mass Delivery

Stabilized Global Supply Chain

Quality Assurance

TUV CE UL CQC Product certification

Comprehensive Testing Platform

100% Testing for Critical Components & Product

Research & Development

150+ High-tech patents National Standard Drafter Established R&D System

ABOUT LONGMAX

Longmax has built a diversified and comprehensive system, covering all aspects of R&D, product manufacturing, project construction, marketing and capital operation.

Longmax business covers R&D, production and sales of renewable energy-related equipment, system integration of renewable energy projects, customized service and support of solutions, as well as project investment and operation, which constitutes the company's complete business system.

Longmax has always been committed to becoming a professional service provider of renewable energy applications, providing total solutions and Life-cycle Service.

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LONGMAX
Securities Abbreviation

874241Securities Code

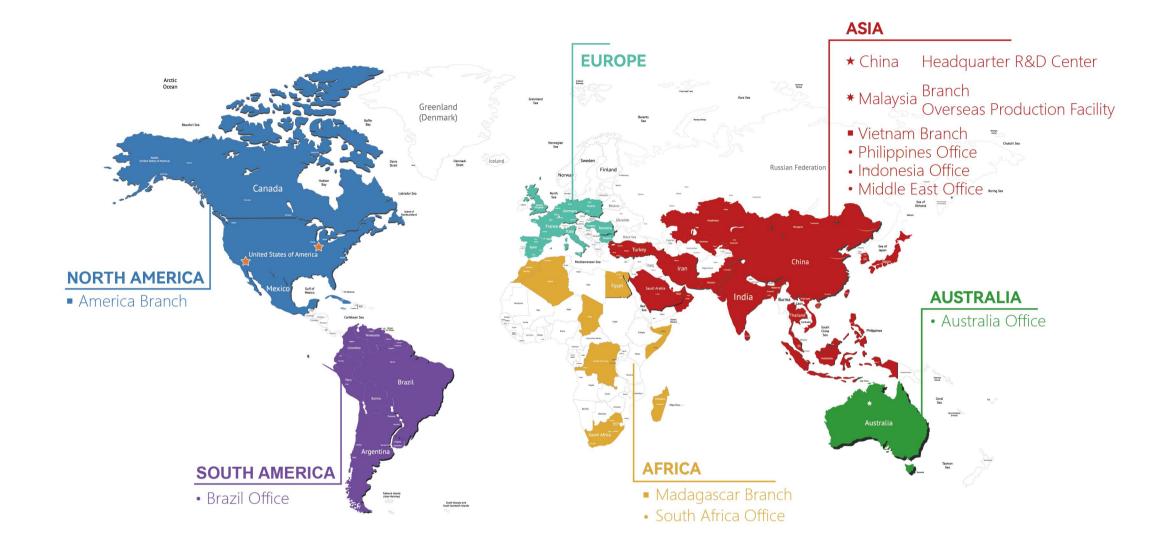
20,000 m²

30,000 m²
Workshop Area

BUSINESS



GLOBAL MARKETING



















































SUSTAINABLE DEVELOPMENT



National/Provincial Speciality





AAA Credit Rating

ISO9001 ISO14001 ISO45001







100+ Government & Industry Awards

RESEARCH & DEVELOPMENT



More Than 150 Patents, Including 8 Invention Patents





Municipal & Provincial Photovoltaic Engineering Research Center

ORDER DELIVERY









GLOBAL SERVICE















10

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Customer Appreciation Letter







草袋的无锡接巧料技股份有限公司。



表扬信

考验的产品体验科技和格容容分下。

往先畅诸贵公司长期以庆对大启白对光依项目的支持: 在项目调试工作中,贵州给于了项目部有力的支撑和保障、尤其 青旬台沿壤东部,从其负责、其备务契约报告兼调标款位,严格演员 公司的工作你推行地序辑号,在工作中供价着商用的价格,就能记起 光层灰水的每一美工作,恰别提通价互联队领导、调试推进、排弃收 体,该是二的二体质量和工作态度得到了被司的效率和首庆。在此表 项目裹贴书面条格,包责可贷工材之以证。在年几的阿依依行反大的



表扬信

尊敬的无锡牌玛科技股份有现公司; 首先感被费公司长期以永对中医水利水电箅十二工程而有股公

或激素管各先供明日的支撑。 作为尤供汇接纯化异的选择供应调,咱应逐更是客户停却的失键 环旬。在项目接续工作中,贵州给予了中区水料水电影十二二起另有 核公司都北非省充铁项目的农品有力的支撑和等等。尤其要司鲁五报 务部,作为具体的业务接口部门。共具实实下作。体现产高度的截止



SIEMENS



Commendatory letter

LONGMAX

SOCIAL RESPONSIBILITY

































Donated 8.1 Million Yuan

Demonstration Enterprise



Social Service Advance

Donated to 800 Thousand People

Love Enterprise

MICROGRID SOLUTION INTRODUCTION



SYSTEM ADVANTAGE



Hardware

Modular system design Supports multiple energy source Fast and easy deployment Selected equipments with international certifications



Software

Fault alarm and automatic protection Fully automatic centralized operation of each subsystem Intelligent control logic based on data and needs Compatible with different types and brands of equipment access

SOLUTION FAMILY



LMMSC10-50



Longmax officially launch the new microgrid system solution.

LMMSC20-130



LMMSC40-260

APPLICATION SCENARIOS



CONSTRUCTION

TEMPORARY



MINING SITES



ISLANDS



OIL&GAS



EMERGENCY



EVENT

Solar+BESS Solution

- LMM10-25S-48B
- LMM20-97S-261B
- LMM-260S-500B



Solar+DG Solution

- LMM-50S-25D
- LMM-130S-60D
- LMM-260S-120D



Solar+BESS+DG Solution

- LMM-25S-48B-20D
- LMM-130S-261B-120D
- LMM-260S-500B-250D

LONGMAX 13

SOLAR SOLUTION



Longmax has innovatively developed a movable and reusable PV system, which skillfully integrates the PV system in a standard container, with many advantages such as fast installation, flexible deployment, strong adaptability, reusability, etc., and it is an excellent solution for the formation of new energy microgrids.

Features



Easy installation



Strong adaptability







Excellent quality

Strong flexibility

Power Output Reference

		Direct Normal Irradiation	LMMSC10-50	LMMSC20-130	LMMSC40-260
			kWh/yr	kWh/yr	kWh/yr
1	North Africa	2124	83462	217000	434000
2	West Africa	943	69808	181500	363000
3	South Africa	2760	92019	239250	478500
4	East Africa	1487	78269	203500	407000
5	Middle East	2252	92308	240000	480000
6	East Europe	1042	47404	123250	246500
7	West Europe	1970	69231	180000	360000
8	Southeast Asia	1398	75962	197500	395000
9	Middle Asia	1758	67596	175750	351500
10	South Asia	1679	80385	209000	418000
11	East Asia	1308	60865	158250	316500
12	Australia	2886	92596	240750	481500
13	West USA	2891	85577	222500	445000
14	East USA	1682	67308	175000	350000
15	South America	2256	89423	232500	465000

LMMSC10-50



Technical Parameter

Туре	LMMSC10-50
Solar capacity	50kW
Container Type	10
Unfolding area L*W	112*3m
Area size	336 m²
Slope limit	≤1%
Horizontal gap	≤14cm
Installation time	80mins
Installation worker	4

Pmax	500w
Qty	108pcs
Dimension	1909*1134*30mm
Tilt angle	10°
Best Azimuth	East-West

Inverter	
Nominal output power	50kW
Mode	On-grid
Nominal output voltage	380 / 400, 3W+(N)+PE
Max. output current	76A
Nominal voltage frequency	50/60Hz
Max. efficiency	98.60%
Protection	IP66

Mounting System	
Material	Aluzinc steel
Modules per fold	2pcs
Folds qty	54
Wind-resistant	≤55m/s
Anti-corrosion	C4
Convey system	Mechanical drive

LONGMAX Enjoy The Sunny Life 15





Technical Parameter

General Data

Туре	LMMSC20-130
Solar capacity	130kW
Container Type	20
Unfolding area L*W	120*6m
Area size	720 m²
Slope limit	≤1%
Horizontal gap	≤14cm
Installation time	100mins
Installation worker	4

Solar Module

Pmax	650w
Qty	200pcs
Dimension	2172*1303*33mm
Tilt angle	10°
Best Azimuth	East-West

Inverter

Nominal output power	110kW
Mode	On-grid
Nominal output voltage	380V/400V
Max. output current	167A
Nominal voltage frequency	50/60Hz
Max. efficiency	99.00%

Mounting System

Material	Aluzinc steel
Material	Aluzine steel
Modules per fold	4pcs
Folds qty	50
Wind-resistant	≤55m/s
Anti-corrosion	C4
Convey system	Mechanical drive

Technical Parameter

General Data

Туре	LMMSC40-260
Solar capacity	260kW
Container Type	40
Unfolding area L*W	120*12m
Area size	1440 m²
Slope limit	≤1%
Horizontal gap	≤14cm
Installation time	100mins
Installation worker	6

Solar Module

Pmax	650w
Qty	400pcs
Dimension	2172*1303*33mm
Tilt angle	10°
Best Azimuth	East-West

Inverter

Nominal output power	110kW
Qty	2
Mode	On-grid
Nominal output voltage	380V/400V
Max. output current	167A
Nominal voltage frequency	50/60Hz
Max. efficiency	99.00%
Protection	IP66

Mounting System

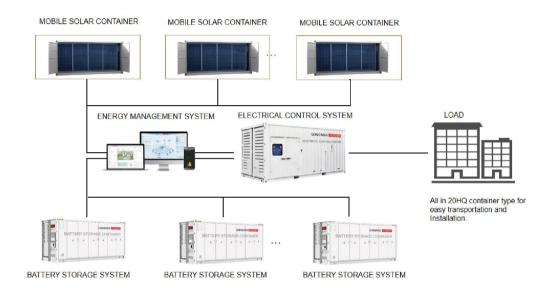
mounting bystein			
Material	Aluzinc steel		
Modules per fold	4pcs		
Folds qty	100		
Wind-resistant	≤55m/s		
Anti-corrosion	C4		
Convey system	Mechanical drive		

LONGMAX 17

SOLAR+BESS SOLUTION

Longmax PV+BESS solution integrates PV power generation and energy storage in one package.

The integrated design facilitates transportation and installation, eliminates interconnection and commissioning work between systems, and truly realizes plug-and-play with higher overall efficiency.



Features



Built-in battery energy storage



Easy to delivery



No system matching



Plug& Play



Technical Parameter

General Data	
Туре	LMM10-25S-48B
Solar capacity	25kW
Container Type	10
Unfolding area L*W	60*3m
Area size	180 m²
Slope limit	≤1%
Horizontal gap	≤14cm
Installation time	80mins
Installation worker	4

BESS	
Battery output power	24kW
Battery capacity	48.36kWh
Battery type	LiFePO4
Cooling	Air
Working temp	-20-55℃
Relative humidity	5%-95%
Max altitude	4000m
Protection level	IP66

Solar Module	
Pmax	500w
Qty	50pcs
Dimension	1909*1134*30mm
Tilt angle	10°
Best Azimuth	East-West

Mounting System			
Material	Aluzinc steel		
Modules per fold	2pcs		
Folds qty	25		
Wind-resistant	≤55m/s		
Anti-corrosion	C4		
Convey system	Mechanical drive		

Energy Controller	
Mode	On-grid/Off-grid
On-grid output power	25kW
Norminal output voltage	380/400V
Nominal voltage frequency	50/60Hz
Max. efficiency	98.30%
EMS	Integrated

20

LONGMAX 19
They be shown like



Technical Parameter

General Data			
Туре	LMM20-97S-261B		
Solar capacity	97.5kW		
Container Type	20		
Unfolding area L*W	120*6m		
Area size	720 m²		
Slope limit	≤1%		
Horizontal gap	≤14cm		
Installation time	120mins		
Installation worker	6		

BESS	
Battery output power	125kW
Battery capacity	261kWh
Battery type	LiFePO4
Cooling	Liquid
Working temp	-20-50°C
Relative humidity	0%-95%
Max altitude	2000m
Protection level	IP54
Electrical panel	Integrated

Diesel Generator (Exicuded)		
Max input power	125kW	
Norminal input current	181A	
Norminal input voltage	3L/N/PE, 400V	
Norminal input frequency	50Hz	

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Sol	ar	IVI	ou	u	le

\$40 (MARKANESS) (MARKANESS) (MARKANESS)	
Pmax	650w
Qty	150pcs
Dimension	2172*1303*33mm
Tilt angle	10°
Best Azimuth	East-West

Mounting System	
Material	Aluzinc steel
Modules per fold	3pcs
Folds qty	50
Wind-resistant	≤55m/s
Anti-corrosion	C4
Convey system	Mechanical drive

Mode	On-grid/Off-grid
On-grid output power	125kW
Norminal output voltage	400V
Max. output current	208A
Nominal voltage frequency	50Hz
EMS	Integrated
DG Input	Supported

Technical Parameter

Туре	LMM-260S-500B	
Solar capacity	260kW	
Container Type	2*20 Solar 1*10 BESS	
Area size	1500 m²	
Installation time	300mins	
Installation worker	6	

BESS	
Battery output power	250kW
Battery capacity	522kWh
Battery type	LiFePO4
Cooling	Liquid
Working temp	-20-50℃
Relative humidity	0%-95%
Max altitude	2000m
Protection level	IP54
Electrical panel	Integrated

Diesel Generator (Exlcuded)	
Max input power	250kW
Norminal input current	362A
Norminal input voltage	3L/N/PE, 400V
Norminal input frequency	50Hz

Solar Module	
Pmax	650w
Qty	2*200pcs
Dimension	2172*1303*33mm
Unfolding area L*W	2*120*6m
Tilt angle	10°
Best Azimuth	East-West
Slope limit	≤1%
Horizontal gap	≤14cm

Material	Aluzinc steel
Modules per fold	4pcs
Folds qty	2*50
Wind-resistant	≤55m/s
Anti-corrosion	C4
Convey system	Mechanical drive

Energy Controller		
Mode	On-grid/Off-grid	
On-grid output power	250kW	
Norminal output voltage	400V	
Max. output current	416A	
Nominal voltage frequency	50Hz	
EMS	Integrated	
DG Input	Supported	

LONGMAX 21

SOLAR+DG SOLUTION

Longmax PV+DG solution is to construct a grid based on DG and automatically deploy the system to generate electricity through the microgrid controller, which minimizes the utilization and maintenance of DG, matches the load demand more flexibly and realizes the better utilization of renewable energy.



Energy Management System Structure

Longmax provides a cloud-based system structure designed for remote monitoring, data analyzing and management of diesel generator, solar, battery etc. It provides you with an easy overview of all your devices, their operational status, location and other important data, and alerts you in case of potential issues. Using its powerful reporting and analysis tools, you can minimize system downtime, reduce maintenance costs and maximize the revenue for your microgrid system.

Features

- Safe operations on Microsoft Azure cloud servers
- Advanced security protection design
- List and Map views of devices and alerts on one screen
- Dashboard with different sub-system or devices statistics
- Alarm analyzer and report which can help to reduce maintenance costs
- API enabling you to download and store complete data from cloud system
- User activity logger to logs all activity a user has actioned for a device
- User management with different roles and permission



Configuration Software



Typical Series

LMM-50S-25D	LMM-130S-60D	LMM-260S-120D
PV 50kW	PV 130kW	PV 260kW
DG 25kW	DG 60kW	DG 120kW

Technical Parameter

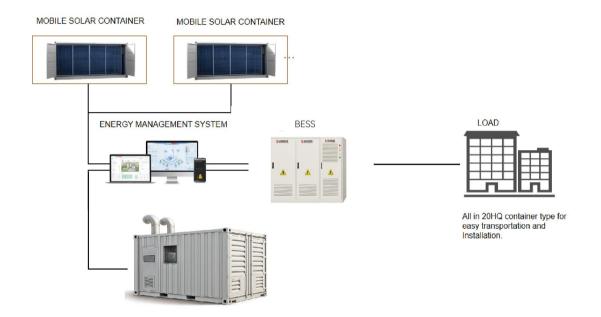
Model	
General Date	
Туре	LMM-260S-120D
Solar capacity	260kW
DG capacity	120kW
Solar	
Туре	LMMSC20-130
Qty	2
Solar contianer power	130kW
Inverter output power	110kW
Power frequency	50/60Hz
Energy controller	
Inverter Connection	Modbus/TCP
DG Connection	CAN
Grid Connection	Supported
PLC Function	Supported
Input/Ouptut Control	Supported
Data analysis	Supoorted
DG	
Generator power	150kVA
Master power	120kW
Backup power	132kW
Cylinder Qty	6
Fuel comsuption	30L/h
Voltage	400/230V

Standard configuration for reference. Custimization is available for detail project.

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SOLAR+BESS+DG SOLUTION

Longmax PV+DG+BESS solution makes full use of solar energy resources and utilizes energy storage and diesel generator to ensure stable operation of the system, utilizes the microgrid energy management system for intelligent and automatic control, is compatible with on-grid/off-grid modes of operation, and supports rapid installation and deployment, which is highly flexible and reliable.



Typical Series

LMM-25S-48B-20D	LMM-130S-261B-120D	LMM-260S-500B-250D
PV 25kW	PV 130kW	PV 260kW
BESS 48kWh	BESS 261kWh	BESS 522kWh
DG 20kW	DG 120kW	DG 250kW

Technical Parameter

General Date	
Туре	LMM-260S-500B-250D
Solar capacity	260kW
DG capacity	250kW/522kWh
Solar	
Туре	LMMSC20-130
Qty	2
Solar contianer power	130kW
Inverter output power	110kW
Power frequency	50/60Hz
BESS	
Battery output power	250kW
Battery capacity	522kWh
Battery type	LiFePO4
Cooling	Liquid
Working temp	-20-50°C
Relative humidity	0%-95%
Max altitude	2000m
Protection level	IP54
Electrical panel	Integrated
Energy controller	
Mode	On-grid/Off-grid
On-grid output power	250kW
Norminal output voltage	400V
Max. output current	416A
Nominal voltage frequency	50Hz
EMS	Integrated
DG Input	Supported
DG	
Generator power	313kVA
Master power	250kW
Backup power	280kW
Cylinder Qty	6
Fuel comsuption	70L/h

Standard configuration for reference. Custimization is available for detail project.

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