Torres

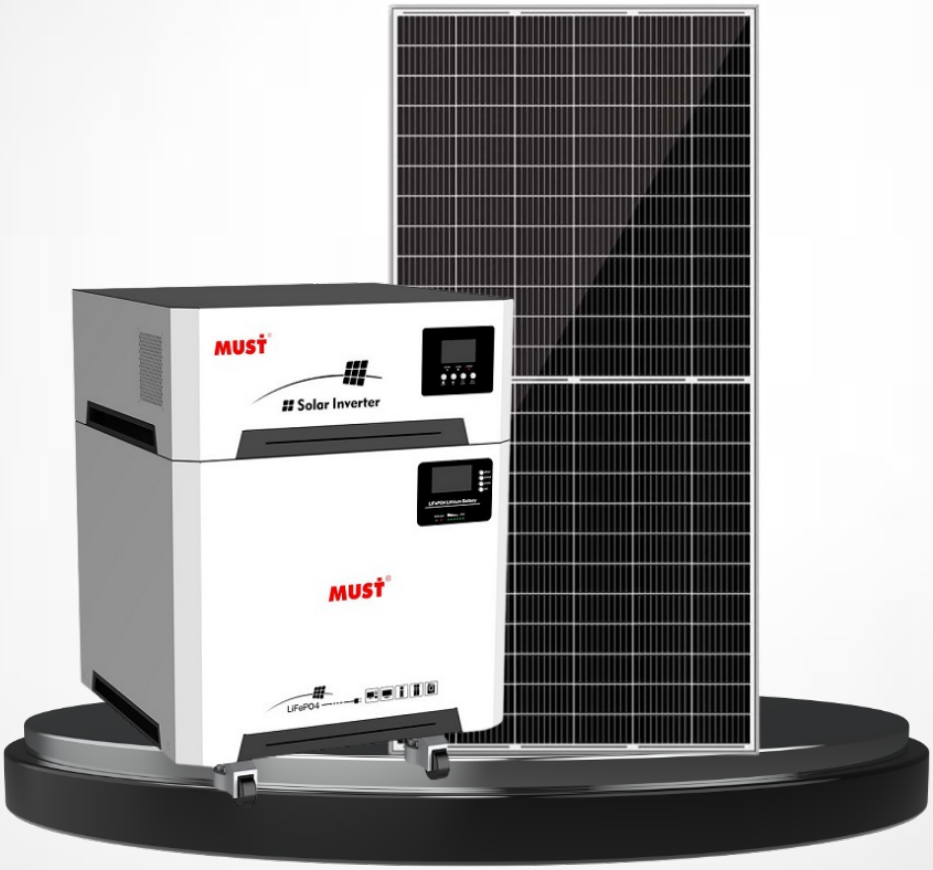
Catálogo

ENERGÍA RENOVABLE

2026

Torres

COMBO SISTEMA SOLAR HIBRIDO MUST



COMBO Sistema Solar Híbrido MUST 6KW + Batería Litio 15.36 kWh300Ah

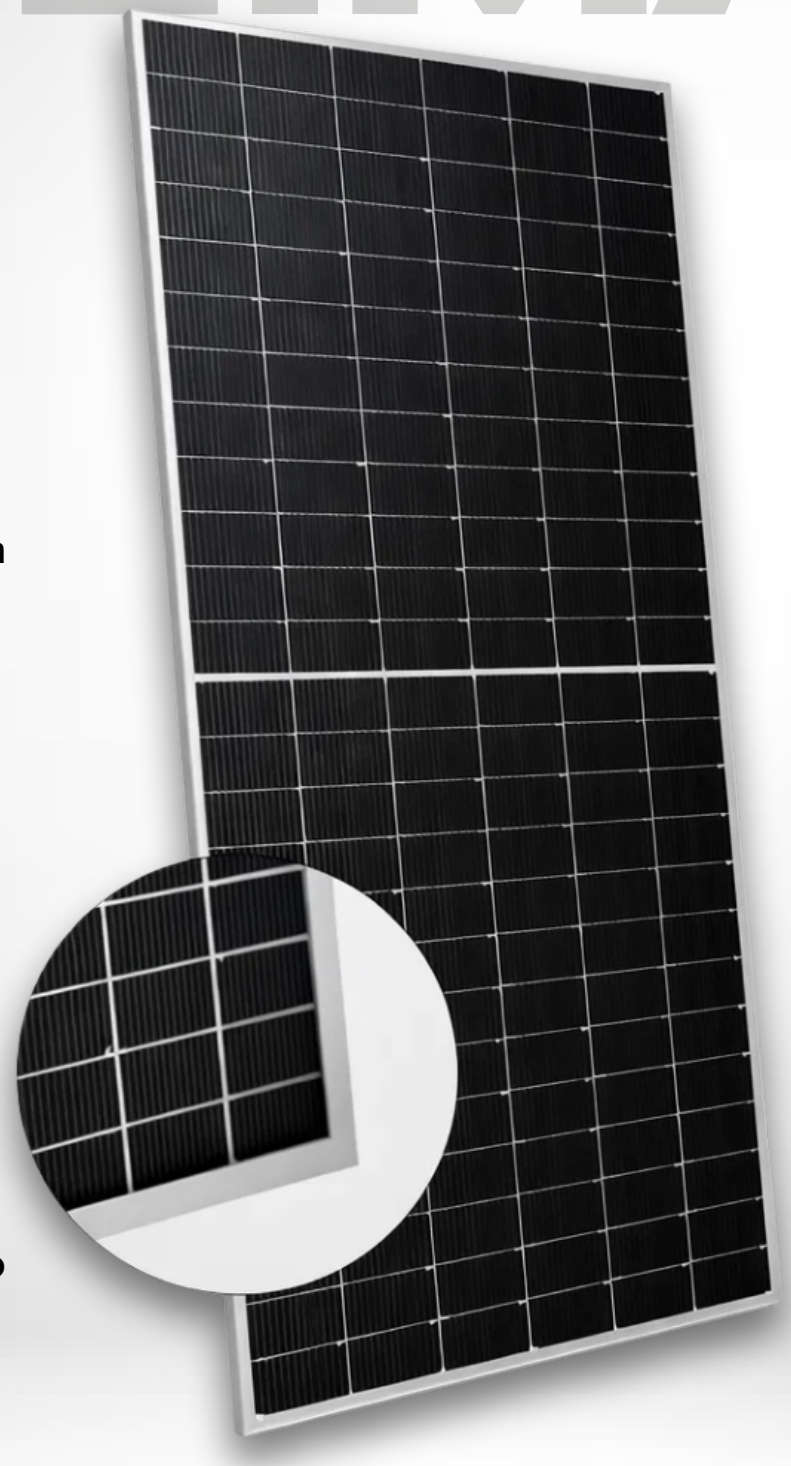
Torres

COMBO SISTEMA SOLAR HIBRIDO INFINISOLAR

COMBO Sistema Solar Híbrido infinisolar (distribuido por must)
+ Batería Litio 15.36 kWh300Ah

Torres

PEIMAR



Tecnología bifacial TOPCon

Doble vidrio antirreflectante

Máxima eficiencia y alto rendimiento

Marco compacto y resistente

Anclable también en el lado corto (5)

Rendimiento del módulo frente al fuego:

Clase 1

OR10H595MNDB
OR SERIES - 595 W

OR10H595MNDB

Electrical Characteristics (STC) [1]

Nominal Output (Pmax) [2]	595 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	44,48 V
Current at Pmax (Imp)	13,38 A
Open Circuit Voltage (Voc) [2]	53,12 V
Short Circuit Current (Isc) [2]	14,13 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	30 A
Module Efficiency	23,03%
Protection class against electric shock	Class II

1. STC: (Standard Test Condition) Irradiance 1000 W/m²; Module Temperature 25 °C; Air Mass 1,5

2. Pmax, Voc, Isc measurement tolerance: ±3%

Electrical Characteristics with rear side power gain

Pmax gain	5%	10%	15%	20%	25%
Nominal Output (Pmax)	625 W	655 W	684 W	714 W	744 W
Voltage at Pmax (Vmp)	44,48 V	44,48 V	44,48 V	44,48 V	44,48 V
Current at Pmax (Imp)	14,05 A	14,72 A	15,39 A	16,06 A	16,73 A
Open Circuit Voltage (Voc)	53,12 V	53,12 V	53,12 V	53,12 V	53,12 V
Short Circuit Current (Isc)	14,84 A	15,54 A	16,25 A	16,96 A	17,66 A

Mechanical Characteristics

Solar Cells	144 M10 HALF monocrystalline **N-TYPE**
Solar Cells Size	182 x 91 mm / 7,16 x 3,58"
Front Cover	2.0 mm / 0.08" thick, low iron tempered glass
Back Cover	2.0 mm / 0.08" thick, low iron tempered glass
Encapsulant	EVA / POE
Frame	Anodized aluminium alloy, double wall
Frame finishing	Silver
Diodes	3 Bypass diodes serviceable
Junction Box	IP68 rated
Connector	MC4 or compatible connector
Cables Lenght	1400 mm / 55,12"
Cables Section	4,0 mm² / 0,006 in²
Dimensions	2278 x 1134 x 30 mm / 89,69 x 44,65 x 1,18"
Weight	30 kg / 66,14 lbs
Max Load (Test Load) - SF	5400 Pa - 1,5 [5]

5. Consult the installation manual for the relative mounting configurations

Temperature Characteristics

NMOT [3]	43±2 °C
Temperature Coefficient of Pmax	-0,29 %/°C
Temperature Coefficient of Voc	-0,25 %/°C
Temperature Coefficient of Isc	0,046 %/°C
Operating Temperature	-40 °C ~ +85 °C

3. NMOT: Nominal Module Operating Temperature: Irradiance 800 W/m²; Air 20 °C; Wind speed 1 m/s

Packaging [4]

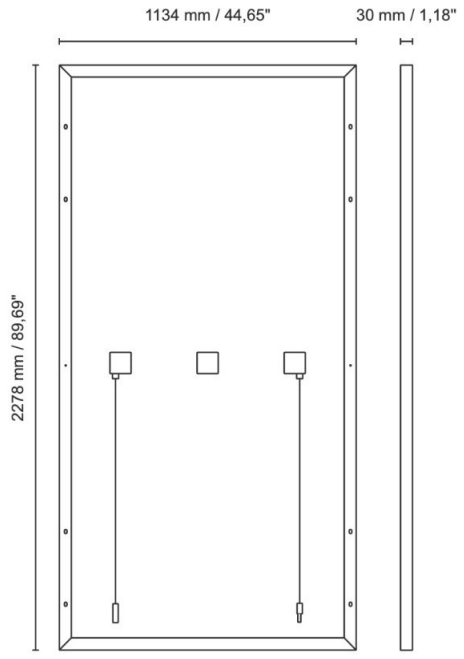
Pallet dimensions	2300 x 1130 x 1265 mm / 90,6 x 44,5 x 49,8"
Pieces per pallet	36 / 37
Weight	1113 kg / 2453,75 lbs (36 pieces per pallet) 1144 kg / 2522,08 lbs (37 pieces per pallet)

4. Pallets can be stacked up to two

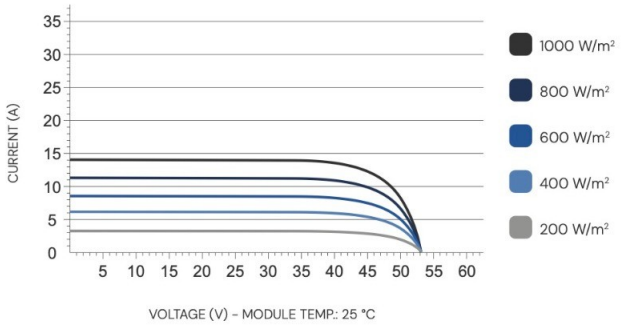
Certifications

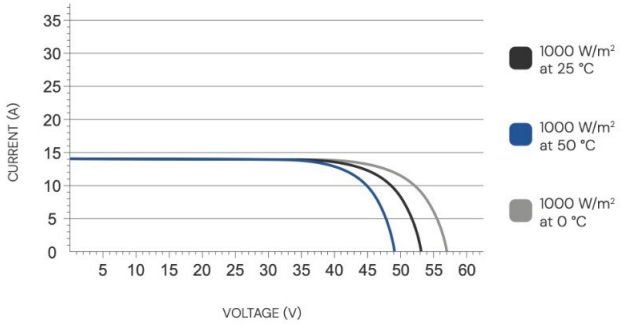
Fire Resistance Rating	Class of reaction to fire 1 (UNI 9177)
Product Certificate	IEC 61215-1, IEC 61215-1-1, IEC 61215-2, IEC 61730-1, IEC 61730-2

Dimensions



Current/Voltage Characteristics

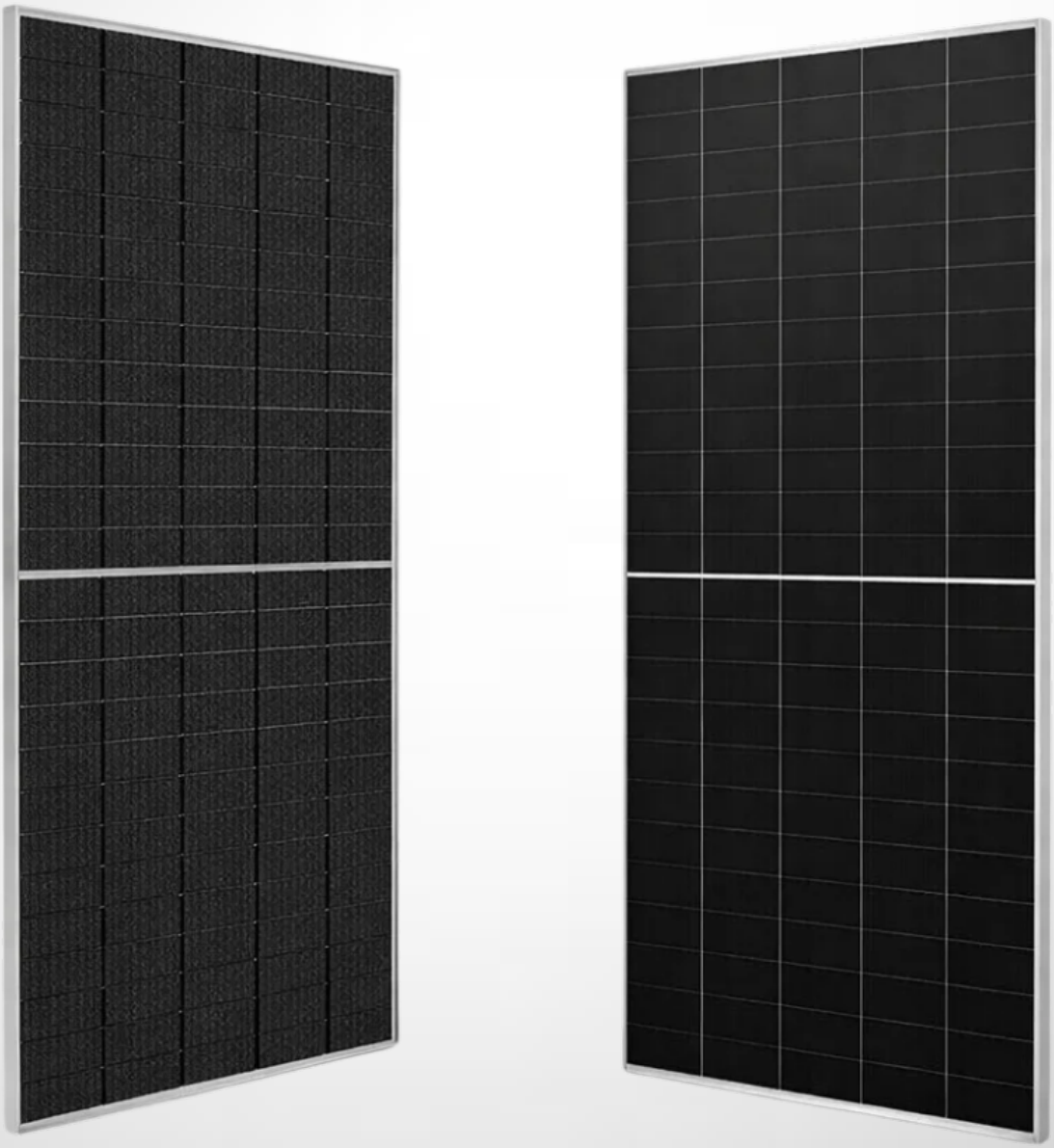




PEIMAR
ITALIAN PHOTOVOLTAIC MODULES

Torres

LONGI



La tecnología TaiRay y las celdas BC aumentan la fiabilidad del producto.

Máxima eficiencia con el mejor rendimiento de generación de energía.

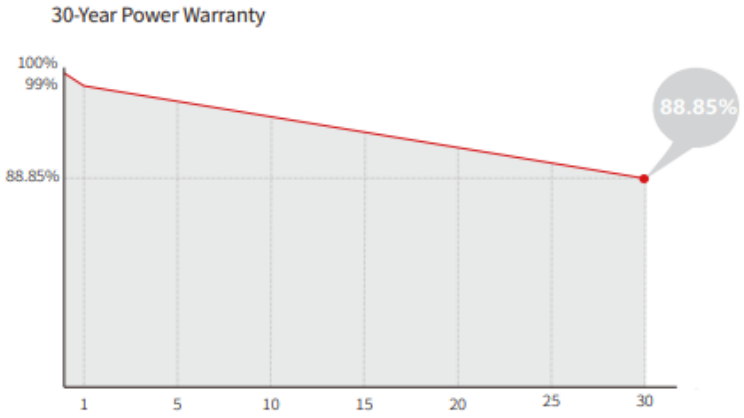
Longi HORIZON 650W

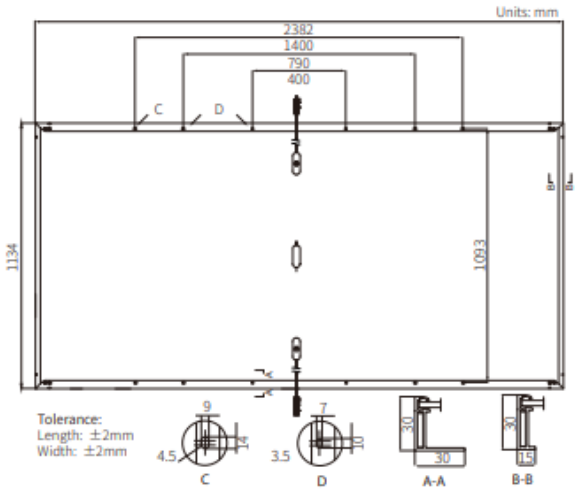
Hi-MO X10 Explorer

LR7-72HVH 630~650M

24.1%	0~3%	<1%	0.35%	BC-CELL
MAX MODULE EFFICIENCY	POWER TOLERANCE	FIRST YEAR POWER DEGRADATION	YEAR 2-30 POWER DEGRADATION	LOWER OPERATING TEMPERATURE

Additional Value





Mechanical Parameters

Cell Orientation	144 (6×24)
Junction Box	IP68, three diodes
Output Cable	4mm², +400, -200mm/±1400mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	28.5kg
Dimension	2382×1134×30mm
Packaging	36pcs per pallet / 144pcs per 20' GP / 720pcs per 40' HC

Electrical Characteristics

STC : AM1.5 1000W/m² 25°C NOCT : AM1.5 800W/m² 20°C 1m/s Test uncertainty for Pmax: ±3%

Module Type	LR7-72HVH-630M		LR7-72HVH-635M		LR7-72HVH-640M		LR7-72HVH-645M		LR7-72HVH -650M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	630	480	635	483	640	487	645	491	650	495
Open Circuit Voltage (Voc/V)	53.50	50.84	53.60	50.94	53.70	51.04	53.80	51.13	53.90	51.23
Short Circuit Current (Isc/A)	14.97	12.02	15.05	12.09	15.13	12.15	15.21	12.22	15.29	12.28
Voltage at Maximum Power (Vmp/V)	44.16	41.96	44.26	42.06	44.36	42.15	44.46	42.25	44.56	42.35
Current at Maximum Power (Imp/A)	14.27	11.44	14.35	11.50	14.43	11.56	14.51	11.63	14.59	11.69
Module Efficiency(%)	23.3		23.5		23.7		23.9		24.1	

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	IEC Class C

Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

Temperature Ratings (STC)

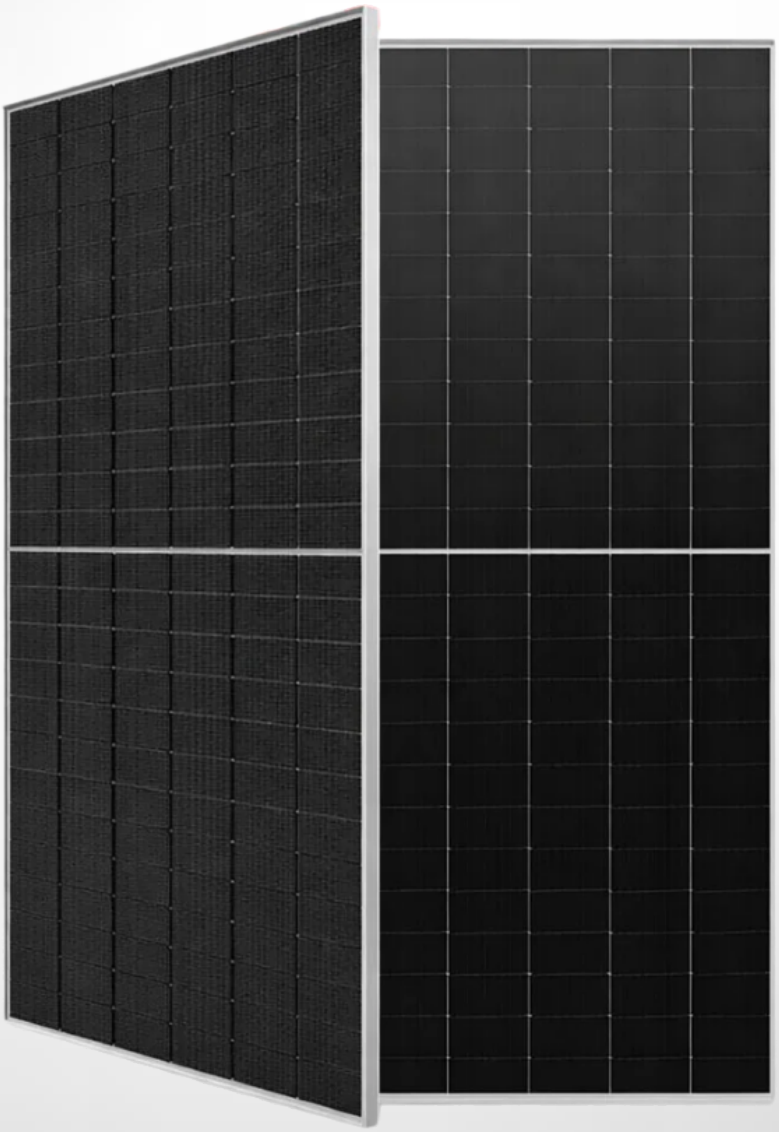
Temperature Coefficient of Isc	+0.050%/°C
Temperature Coefficient of Voc	-0.200%/°C
Temperature Coefficient of Pmax	-0.260%/°C

LONGi

Torres

LONGI

HI-MO 7 610W



Tecnología HPDC: mayor eficiencia y potencia.

Alta bifacialidad: más generación de energía.

LONGi Hi-MO 7 610W

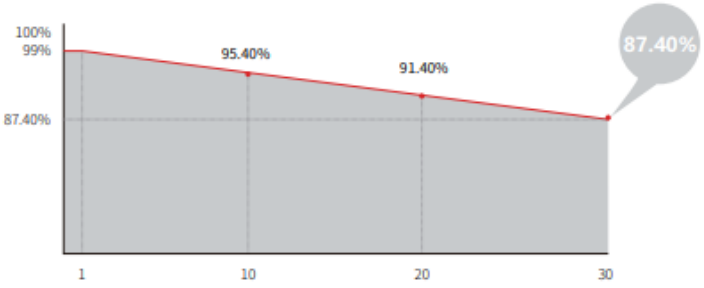
Hi-MO 7

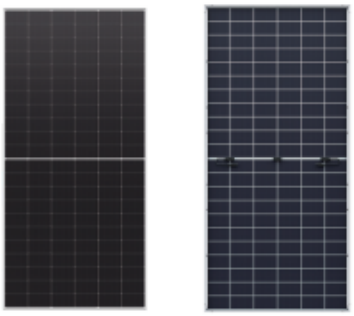
LR8-66HGD 595~625M

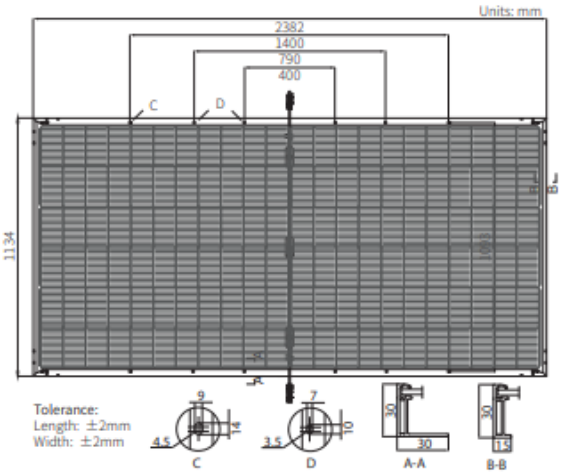
23.1%	0~3%	<1%	0.4%	HALF-CELL
MAX MODULE EFFICIENCY	POWER TOLERANCE	FIRST YEAR POWER DEGRADATION	YEAR 2-30 POWER DEGRADATION	Lower operating temperature

Additional Value

30-Year Power Warranty







Mechanical Parameters

Cell Orientation	132 (6×22)
Junction Box	IP68, three diodes
Output Cable	4mm², +400, -200mm/±1400mm length can be customized
Glass	Dual glass, 2.0+2.0mm heat strengthened glass
Frame	Anodized aluminum alloy frame
Weight	33.5kg
Dimension	2382×1134×30mm
Packaging	36pcs per pallet / 144pcs per 20' GP / 720pcs or 576pcs (only for USA) per 40' HC

Electrical Characteristics

STC : AM1.5 1000W/m² 25°C NOCT : AM1.5 800W/m² 20°C 1.0 m/s Test uncertainty for Pmax: ±3%

Module Type	LR8-66HGD-595M		LR8-66HGD-600M		LR8-66HGD-605M		LR8-66HGD-610M		LR8-66HGD-615M		LR8-66HGD-620M		LR8-66HGD-625M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	595	452.9	600	456.7	605	460.5	610	464.3	615	468.1	620	471.9	625	475.8
Open Circuit Voltage (Voc/V)	47.78	45.41	47.98	45.60	48.18	45.79	48.38	45.98	48.58	46.17	48.78	46.36	48.98	46.55
Short Circuit Current (Isc/A)	15.80	12.69	15.85	12.73	15.90	12.77	15.95	12.81	16.00	12.85	16.05	12.89	16.10	12.93
Voltage at Maximum Power (Vmp/V)	39.91	37.93	40.11	38.12	40.31	38.31	40.51	38.50	40.71	38.69	40.91	38.88	41.11	39.07
Current at Maximum Power (Imp/A)	14.91	11.94	14.96	11.98	15.01	12.02	15.06	12.06	15.11	12.10	15.16	12.14	15.21	12.18
Module Efficiency(%)	22.0		22.2		22.4		22.6		22.8		23.0		23.1	

Electrical characteristics with different rear side power gain (reference to 610W front)

Pmax /W	Voc/V	Isc /A	Vmp/V	Imp /A	Pmax gain
641	48.38	16.75	40.51	15.81	5%
671	48.38	17.55	40.51	16.57	10%
703	48.48	18.34	40.61	17.32	15%
734	48.48	19.14	40.61	18.07	20%
764	48.48	19.94	40.61	18.82	25%

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	35A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Bifaciality	80±5%
Fire Rating	UL type 29 IEC Class C

Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

Temperature Ratings (STC)

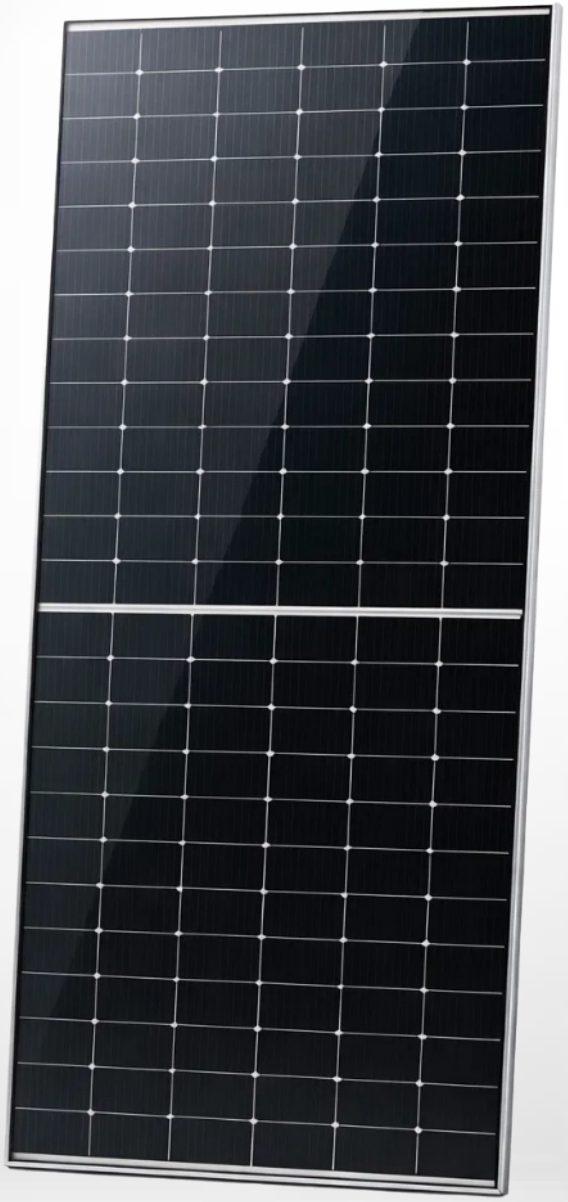
Temperature Coefficient of Isc	+0.045%/°C
Temperature Coefficient of Voc	-0.230%/°C
Temperature Coefficient of Pmax	-0.280%/°C

LONGi

Web: www.longi.com

Torres

JINKO SOLAR



Generación de Energía de Doble Cara

Tecnología SMBB

Tecnología N-Type

Tecnología HOT 3.0

JKM605-630N-66HL4M-BDV-F4-EN

66HL4M-BDV 605-630 Watt

Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of cells	132 (66×2)
Dimensions	2382×1134×30 mm
Weight	32.4 kg
Front Glass	2.0 mm, Anti-reflection Coating
Back Glass	2.0 mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Protection Class	Class II
IEC Fire Type	Class C
Connector Type	JK03M / JK03M2 / Others*
Output Cables (Including Connector)	4.0 mm^2 (+): 400 mm , (-): 200 mm or Customized Length

* MC4 and MC4-EVO2 available upon request and subject to availability

Packaging Configuration

Pallet Dimensions	2396×1110×1251 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack, 720 pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]	605	610	615	620	625	630
Maximum Power Voltage - Vmp [V]	40.31	40.46	40.60	40.74	40.88	41.02
Maximum Power Current - Imp [A]	15.01	15.08	15.15	15.22	15.29	15.36
Open-circuit Voltage - Voc [V]	48.48	48.68	48.88	49.08	49.28	49.48
Short-circuit Current - Isc [A]	15.90	15.96	16.02	16.08	16.14	16.20
Module Efficiency STC [%]	22.40	22.58	22.77	22.95	23.14	23.32
Power Sorting	0 ~ + 3 %					
Temperature Coefficient of Pmax	-0.29 %/°C					
Temperature Coefficient of Voc	-0.25 %/°C					
Temperature Coefficient of Isc	0.045 %/°C					

STC: Irradiance 1000W/m^2, Cell Temperature 25°C, AM=1.5

Specifications (BNPI)

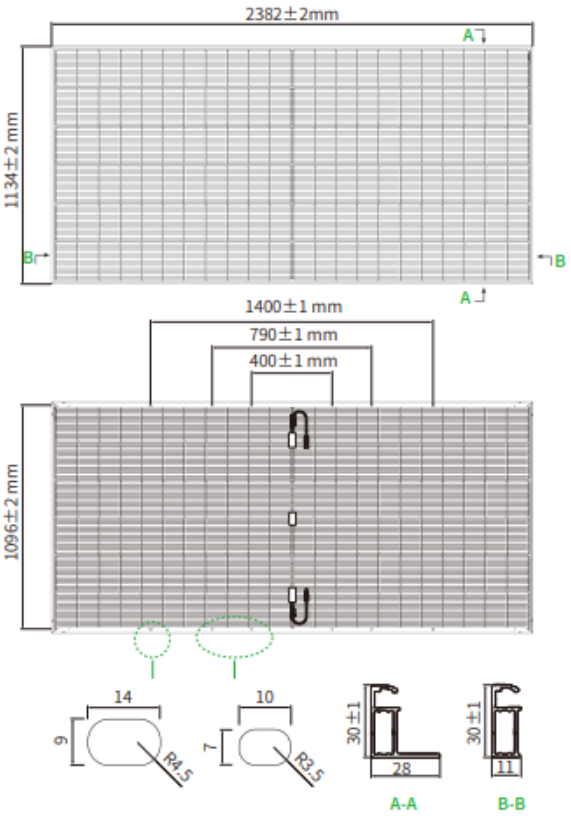
Maximum Power - Pmax [Wp]	668	674	679	685	690	696
Maximum Power Voltage - Vmp [V]	40.29	40.46	40.59	40.75	40.88	41.04
Maximum Power Current - Imp [A]	16.58	16.66	16.73	16.81	16.88	16.95
Open-circuit Voltage - Voc [V]	48.46	48.66	48.86	49.06	49.26	49.46
Short-circuit Current - Isc [A]	17.56	17.64	17.70	17.77	17.83	17.90

BNPI: Irradiance: front 1000W/m^2, rear 135W/m^2, Cell Temperature 25°C, AM=1.5

Application Conditions

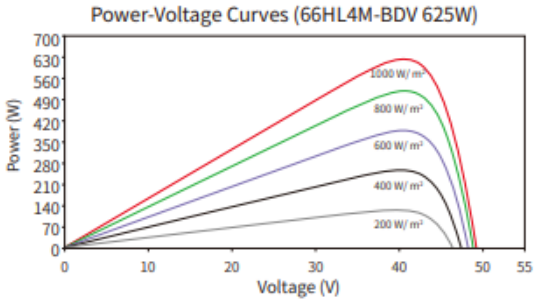
Operating Temperature	-40 °C ~ +70 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Bifaciality Coefficients	φVoc: 98±5 %, φIsc: 80±5 %, φPmax: 80±5 %

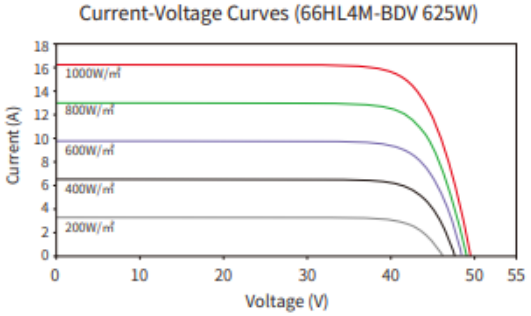
Engineering Drawings



Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

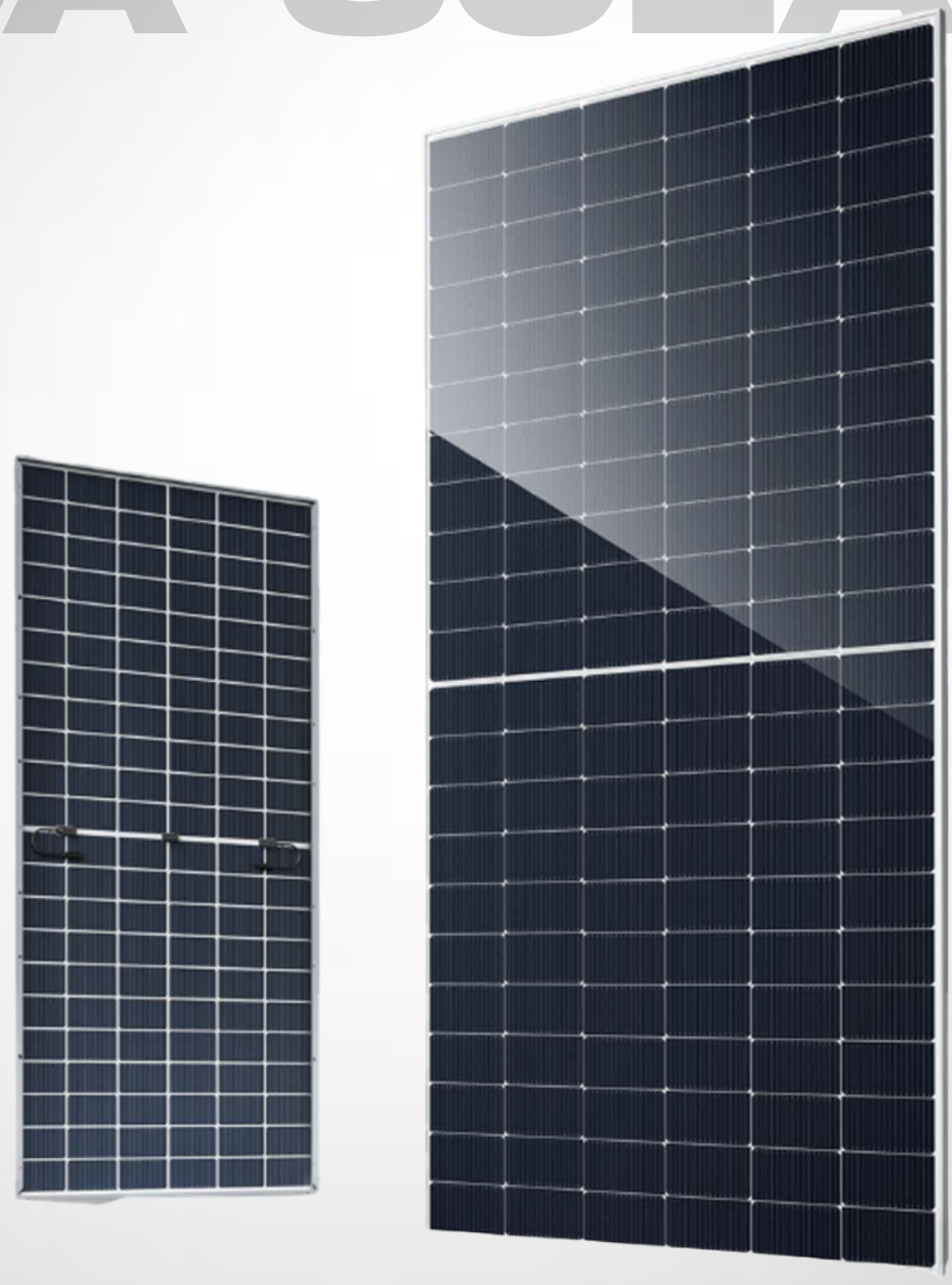
Electrical Performance





Torres

JA SOLAR



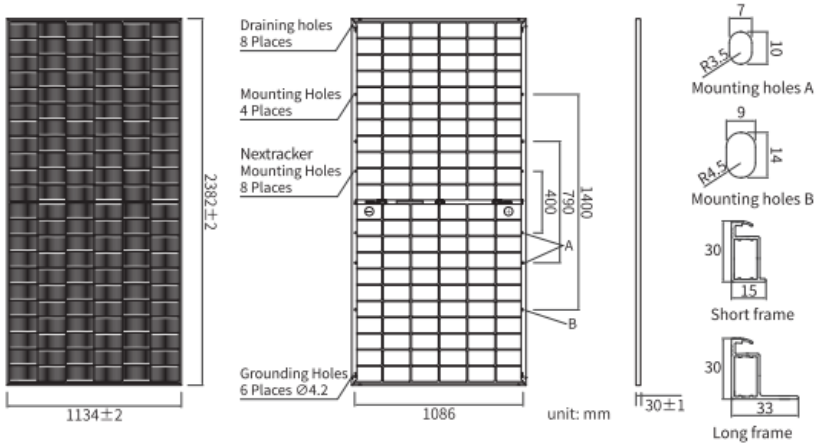
Mayor generación de energía, mejor LCOE

n-type con muy baja LID

Mejor coeficiente de temperatura

Mejor respuesta en baja irradiancia

JA SOLAR 620W



MECHANICAL PARAMETERS

Cell	Mono
Weight	33.1kg
Dimensions	2382±2mm×1134±2mm×30±1mm
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
No. of cells	132(6×22)
Junction Box	IP68, 3个diodes
Connector	QC 4.10-351/ MC4-EVO2A
Cable Length (Including Connector)	Portrait: 300mm(+) /400mm(-) Landscape: 1500mm(+)/1500mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	36pcs/Pallet, 720pcs/40HQ Container

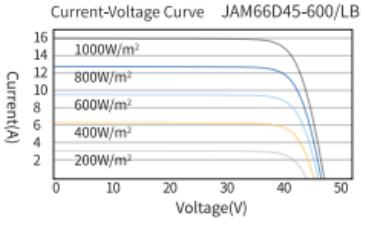
Remark: customized frame color and cable length available upon request

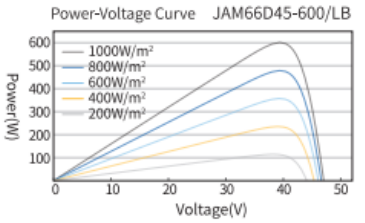
ELECTRICAL PARAMETERS AT STC

TYPE	JAM66D45 595/LB	JAM66D45 600/LB	JAM66D45 605/LB	JAM66D45 610/LB	JAM66D45 615/LB	JAM66D45 620/LB
Rated Maximum Power(Pmax) [W]	595	600	605	610	615	620
Open Circuit Voltage (Voc) M	47.50	47.70	47.90	48.10	48.30	48.50
Maximum Power Voltage(Vmp) [V]	39.27	39.44	39.60	39.77	39.96	40.21
Short Circuit Current(Isc) [A]	15.90	15.95	16.00	16.05	16.10	16.13
Maximum Power Current(Imp) [A]	15.15	15.21	15.28	15.34	15.39	15.42
Module Efficiency [%]	22.0	22.2	22.4	22.6	22.8	23.0
Power Tolerance	0~+3%					
Temperature Coefficient of Isc/α_Isc)	+0.046%/°C					
Temperature Coefficient of Voc (β_Voc)	-0.260%/°C					
Temperature Coefficient of Pmax(γ_Pmp)	-0.290%/°C					
STC	Irradiance 1000W/m², cell temperature 25°C, AM1.5G					

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer.
They only serve for comparison among different module types.

CHARACTERISTICS





ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

TYPE	JAM66D45 595/LB	JAM66D45 600/LB	JAM66D45 605/LB	JAM66D45 610/LB	JAM66D45 615/LB	JAM66D45 620/LB
Rated Max Power(Pmax) [W]	643	648	653	659	664	670
Open Circuit Voltage(Voc) [V]	47.50	47.70	47.90	48.10	48.30	48.50
Max Power Voltage(Vmp) IV]	39.27	39.44	39.60	39.77	39.96	40.21
Short Circuit Current(Isc) [Al	17.17	17.23	17.28	17.33	17.39	17.42
Max Power Current(Imp) [A]	16.36	16.43	16.50	16.56	16.62	16.65
Irradiation Ratio (rear/front)	10%					

* For Nextracker installations, maximum static load please take compatibility approve letter between JA Solar and Nextracker for reference.
** Bifaciality=Pmax, rear/Rated Pmax, front

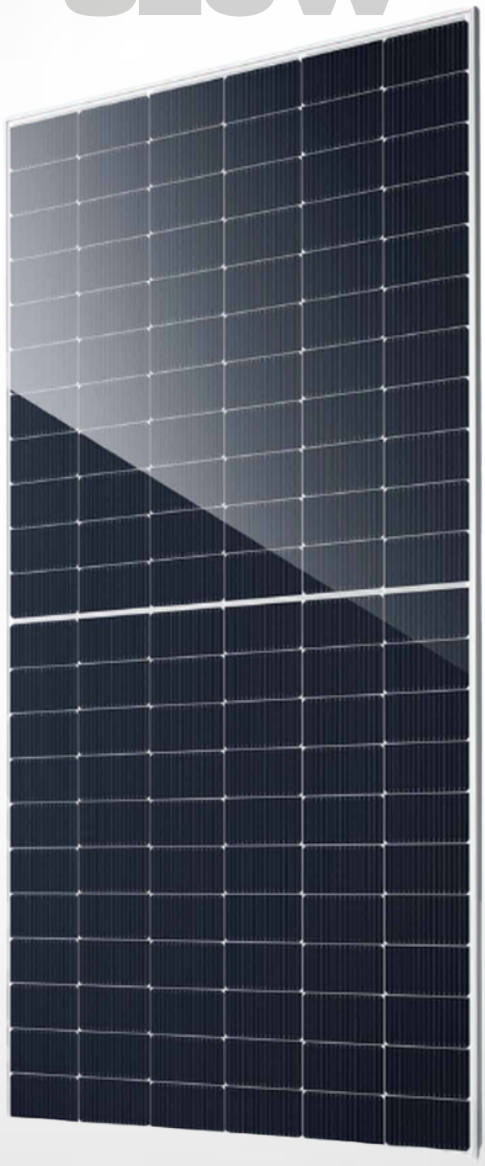
OPERATING CONDITIONS

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	35A
Maximum Static Load, Front*	5400Pa(112 lb/ft²)
Maximum Static Load, Back*	2400Pa(50 lb/ft²)
NOCT	45±2°C
Bifaciality**	80%±10%
Fire Performance	UL Type 29

Torres

JA SOLAR

610W



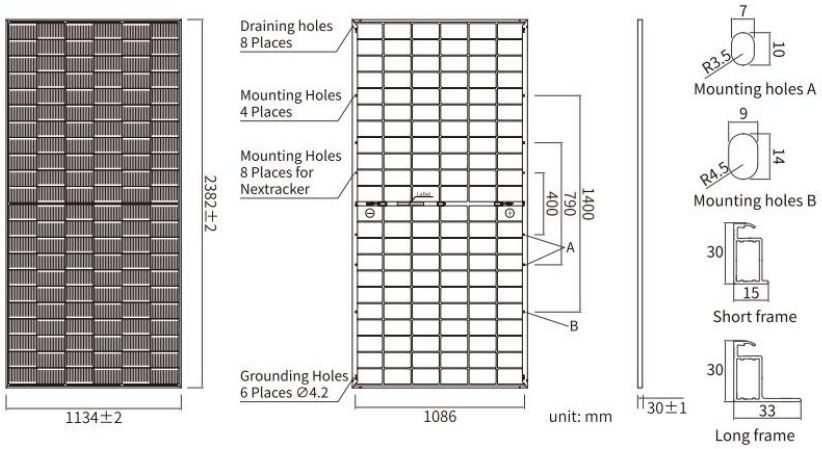
Mayor generación de energía, mejor LCOE

n-type con muy baja LID

Mejor coeficiente de temperatura

Mejor respuesta en baja irradiancia

JA Solar JAM66D45 605–630W



MECHANICAL PARAMETERS

Cell	Mono
Weight	33.1kg
Dimensions	2382±2mm×1134±2mm×30±1mm
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
No. of cells	132(6×22)
Junction Box	IP68, 3diodes
Connector	QC 4.10-351/ MC4-EVO2A
Cable Length (Including Connector)	Portrait: 300mm(+) /400mm(-) Landscape: 1500mm(+)/1500mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	36pcs/Pallet, 720pcs/40HQ Container

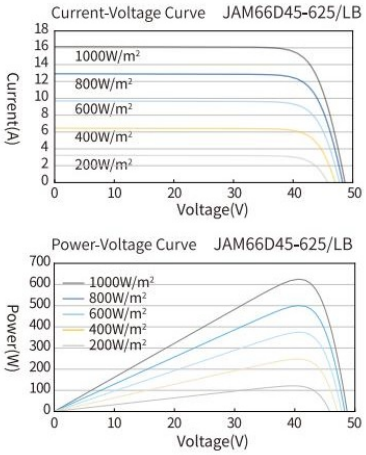
Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

TYPE	JAM66D45 -605/LB	JAM66D45 -610/LB	JAM66D45 -615/LB	JAM66D45 -620/LB	JAM66D45 -625/LB	JAM66D45 -630/LB
Rated Maximum Power(Pmax) [W]	605	610	615	620	625	630
Open Circuit Voltage (Voc) [V]	47.90	48.10	48.30	48.50	48.70	48.90
Maximum Power Voltage(Vmp) [V]	39.60	39.77	39.96	40.21	40.45	40.70
Short Circuit Current(Isc) [A]	16.00	16.05	16.10	16.13	16.15	16.18
Maximum Power Current(Imp) [A]	15.28	15.34	15.39	15.42	15.45	15.48
Module Efficiency [%]	22.4	22.6	22.8	23.0	23.1	23.3
Power Tolerance	0~+3%					
Temperature Coefficient of Isc/α_Isc)	+0.045%/°C					
Temperature Coefficient of Voc (β_Voc)	-0.250%/°C					
Temperature Coefficient of Pmax(γ_Pmp)	-0.290%/°C					
STC	Irradiance 1000W/m², cell temperature 25°C, AM1.5G					

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer.
They only serve for comparison among different module types.

CHARACTERISTICS



ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

TYPE	JAM66D45 -605/LB	JAM66D45 -610/LB	JAM66D45 -615/LB	JAM66D45 -620/LB	JAM66D45 -625/LB	JAM66D45 -630/LB
Rated Max Power(Pmax) [W]	653	659	664	670	675	680
Open Circuit Voltage(Voc) [V]	47.90	48.10	48.30	48.50	48.70	48.90
Max Power Voltage(Vmp) IV]	39.60	39.77	39.96	40.21	40.45	40.70
Short Circuit Current(Isc) [Al	17.28	17.33	17.39	17.42	17.44	17.47
Max Power Current(Imp) [A]	16.50	16.56	16.62	16.65	16.69	16.72
Irradiation Ratio (rear/front)	10%					

* For Nextracker installations, maximum static load please take compatibility approve letter between JA Solar and Nextracker for reference.

OPERATING CONDITIONS

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	35A
Maximum Static Load, Front*	5400Pa(112 lb/ft²)
Maximum Static Load, Back*	2400Pa(50 lb/ft²)
NOCT	45±2°C
Bifaciality	80%±5%
Safety Class	Class II
Fire Performance	UL Type 29/Class C

Torres

BATERIA DE LITIO MUST LP2100

Alta durabilidad y gran capacidad

Independencia eléctrica

Diseñada especialmente para uso residencial y pequeño comercial.

Rendimiento sobresaliente

serie LP2100 de MUST

Technical Data		LP21-48280	LP21-48300
Nominal Voltage		51.2V	
Nominal Capacity		280Ah	300Ah
Nominal energy		14336Wh	15360Wh
Life Cycles		6000 cycles @ 80% DOD, 25℃	
Recommended Charge Voltage		57.6V	
Recommended Charge Current		56A	60A
End Of Discharge Voltage		44V	
Standard Charge Current		56A	60A
Standard Discharge Current		140A	150A
Maximum Continuous Charge Current		200A	200A
Maximum Continuous Discharge Currentt		200A	200A
BMS Cut-Off Voltage Charge		58.4 V (3.65V/Cell)	
BMS Cut-Off Voltage Discharge		22.0V (2s) (2.75V/Cell)	
Temperature Charge		0 ~ 45°C	
Temperature Discharge		-10 ~ 55°C	
Storage Temperature		-5~35°C	
Shipment voltage		≥25.6V	
Module Parallel		Up to 15 units	
Communication		CAN2.0/RS232/RS485	
Case Material		SPPC	
Machine Dimension (H*W*D) (mm)		733*260*633	
Package Dimension (W*H*D) (mm)	wooden box	440*720*870	/
N.W (kg)		118	/
G.W (kg)	wooden box	138	/
* Variations in dimensions and weights may occur due to production batches.			
Charge Retention And Capacity Recovery Capability		Standard charge the battery, and then put aside at room temperature for 28d or 55°C for 7d, Charge retention rate≥90%, Recovery rate of charge≥90	
Certification & Standards		CE-EMC(EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) UN38.3/ MSDS / IEC62619:2017	

Torres

BATERIA DE LITIO LP1600

Alta durabilidad y gran capacidad

Independencia eléctrica

Diseñada especialmente para uso residencial y pequeño comercial.

Rendimiento sobresaliente

BATERIA DE LITIO LP1600-48300 300AH Datasheet 20250422

Technical Data		LP16-24100	LP16-24200	LP16-48100	LP16-48200	LP16-48300
Nominal Voltage		25.6V		51.2V		
Nominal Capacity		100Ah	200Ah	100Ah	200Ah	300Ah
Nominal energy		2560Wh	5120Wh	5120Wh	10240Wh	15360Wh
Max. output power		2.5KW	3.5KW	5KW	7.5KW	10KW
Life Cycles		6000 cycles @ 80% DOD, 25°C				
Recommended Charge Voltage		29.2V		58.4V		
Recommended Charge Current		20A	40A	20A	40A	60A
End Of Discharge Voltage		22V		44V		
Standard Method	Charge	20A	40A	20A	40A	60A
	Discharge	50A	100A	50A	100A	150A
Maximum Continuous Current	Charge	100A	150A	100A	150A	200A
	Discharge	100A	150A	100A	150A	200A
BMS Cut-Off Voltage	Charge	29.2 V (3.65V/Cell)		58.4 V (3.65V/Cell)		
	Discharge	22.0V (2s) (2.75V/Cell)		44.0V (2.75V/Cell)		
Temperature	Charge	0~ 45°C				
	Discharge	-10~55°C				
Storage Temperature		-5~35°C				
Shipment voltage		≥25.6V		≥51.2V		
Module Parallel		Up to 15 units				
Communication		CAN2.0/RS232/RS485				
IP Protection level		IP21				
Case Material		SPCC				
Installation Mode		Wall-mounted, Stacked-mounted, Rack-mounted(optional)				Vertical-mounted
Machine Dimension (W*H*D) (mm)		442*485.5*177	442*486.5*250	442*625.5*177	442*686.5*250	/
Package Dimension (W*H*D) (mm)	carton box	557*227*547	557*300*547	688*227*557	non	/
	wooden box	555*340*565	555*410*565	696*335*565	759*391*569	/
N.W (kg)		27	44	45	80	/
G.W (kg)	carton box	30	48	48	non	/
	wooden box	40	57	58	97	/
* Variations in dimensions and weights may occur due to production batches.						
Charge Retention And Capacity Recovery Capability		Standard charge the battery, and then put aside at room temperature for 28d or 55°C for 7d, Charge retention rate≥90%, Recovery rate of charge≥90%				
Warranty		5 years				
Certification & Standards		CE-EMC (EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) IEC62619-1:2018; IEC62619:2022; IEC62619:2017; UN38.3/ MSDS				

Torres

BATERIA 200 AH LP16

sistemas aislados (off-grid)

Aplicaciones de respaldo eléctrico.

BATERIA 200 AH LP16-24200 3 – MUST

Technical Data		LP16-24100	LP16-24200	LP16-48100	LP16-48200
Nominal Voltage		25.6V		51.2V	
Nominal Capacity		100Ah	200Ah	100Ah	200Ah
Nominal energy		2560Wh	5120Wh	5120Wh	10240Wh
Life Cycles		6000 cycles @ 80% DOD, 25°C			
Recommended Charge Voltage		29.2V		58.4V	
Recommended Charge Current		20A	40A	20A	40A
End Of Discharge Voltage		22V		44V	
Standard Method	Charge	20A	40A	20A	40A
	Discharge	50A	100A	50A	100A
Maximum Continuous Current	Charge	100A	150A	100A	150A
	Discharge	100A	150A	100A	150A
BMS Cut-Off Voltage	Charge	29.2 V (3.65V/Cell)		58.4 V (3.65V/Cell)	
	Discharge	22.0V (2s) (2.75V/Cell)		44.0V (2.75V/Cell)	
Temperature	Charge	0 ~ 45°C			
	Discharge	-10 ~ 55°C			
Storage Temperature		-5~35°C			
Shipment voltage		≥25.6V		≥51.2V	
Module Parallel		Up to 15 units			
Communication		CAN2.0/RS232/RS485			
Case Material		SPPC			
Machine Dimension (H*W*D) (mm)		485.5*442*177	486.5*442*250	625.5*442*177	686.5*442*250
Package Dimension (W*H*D) (mm)	carton box	557*547*227	557*547*300	688*557*227	non
	wooden box	555*565*340	555*565*410	696*565*335	759*569*391
N.W (kg)		27	44	45	80
G.W (kg)	carton box	30	48	48	non
	wooden box	40	57	58	97

* Variations in dimensions and weights may occur due to production batches.

Charge Retention And Capacity Recovery Capability	Standard charge the battery, and then put aside at room temperature for 28d or 55°C for 7d, Charge retention rate≥90%, Recovery rate of charge≥90
Certification & Standards	CE-EMC (EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) IEC62619-1:2018; IEC62619:2022; IEC62619:2017; UN38.3/ MSDS

Torres

BATERIA 2 AND 1 CON INVERSOR DE 6000W

sistemas aislados (off-grid)

Aplicaciones de respaldo eléctrico.

BATERIA 2 AND 1 CON INVERSOR DE 6000 W HBP33-6048 TLV – MUST

MODEL		HBP33-2024 TLV	HBP33-3024 TLV	HBP33-5048 TLV	HBP33-6048 TLV
INVERTER					
Rated power		2000W	3000W	5000W	6000W
Output voltage waveform		Pure sine wave			
Output voltage regulation		100V / 110V / 120VAC (200V/220V/ 240VAC, L+L) ±10%			
Output frequency		50Hz or 60Hz (±0.2Hz)			
Peak efficiency		85%			
Nominal DC input voltage		24Vdc		48Vdc	
Standby Consumption		< 2W			
PV INPUT					
Max solar power input		2500W		5000W	
PV max charging current		80A			
Combined charging current		80A			
Max efficiency		98% max			
PV array open circuit voltage		245VDC			
PV Array MPPT Voltage Range		30~230VDC		64~230VDC	
AC INPUT					
AC input voltage		200/220/240VAC			
Acceptable input voltage range		150~265VAC			
Nominal input frequency		50Hz / 60Hz (Auto detection)			
Transfer time		10ms(max)			
AC CHARGE					
Charging current @ Nominal input voltage		30A	40A	35A	40A
Charging Algorithm		4-step (Li)			
OUTPUT					
AC output		Terminal & Socket (10A max)			
LITHIUM BATTERY					
Energy		7168wh		14338wh	
Nominal voltage		25.6V		51.2V	
Battery capacity		280Ah			
Standard charging and discharge current		100A			
Maximum continuous charging & discharge current		100A			
Operation ambient temperature		-10~50°C			
Storage ambient temperature		-20~55°C			
DIMENSION					
Machine Dimension (W*H*D)(mm) (Inverter+Battery)		620*865*610		640*992*600	
Package Dimension (W*H*D)(mm)	Inverter	617*297*587			
	Battery	620*610*568		640*695*600	
N.W(kg)	Inverter	23.2		36.0	
	Battery	/		115	
G.W(kg)	Inverter	25.7		38.5	
	Battery	/		135	
Standard Warranty		Inverter: 2 years ; Lithium battery: 5 years			
CERTIFICATION & STANDARDS					
CE-EMC					

Torres

POWER STATIONS 1000W

sistemas aislados (off-grid) **respaldo eléctrico confiable**

POWER STATIONS 1000W HBP18-1012 LV – MUST

Specifications

MODEL			HBP18-1012 LV		HBP18-2024 LV		HBP18-3024 LV		
Inverter	Rated power		1000W		2000W		3000W		
	Output voltage waveform		Pure sine wave						
	Output voltage regulation		120Vac ±5%						
	Output frequency		50Hz / 60Hz (±0.2Hz)						
	Peak efficiency		90%						
	Nominal DC input voltage		12Vdc (±0.3)		24Vdc (±0.3)		24Vdc (±0.3)		
	Standby Consumption		< 25W						
PV Input	Max solar power input		900W		1800W		1800W		
	PV max charging current		60A (±3A)		60A (±3A)		60A (±3A)		
	Combined charging current		70A (±4A)		80A (±4A)		80A (±4A)		
	Max efficiency		98.0% max						
	PV array open circuit voltage		105VDC		145VDC		145VDC		
	PV Array MPPT Voltage Range		15~105V		30~120VDC		30~120VDC		
AC Input	AC input voltage		120Vac ±5%						
	Acceptable input voltage range		90-280VAC						
	Nominal input frequency		50Hz / 60Hz (Auto detection)						
	Transfer time		10ms typical (UPS, VDE); 20ms typical (APL)						
AC Charge	Charging current @ Nominal input voltage		10/20A (±4A)		20A/30A (±4A)		20A/30A (±4A)		
	Charging Algorithm		4-step (Li)						
Output	AC output		120Vac (Socket *4pcs)						
	Type-C		DC output*1pcs						
	USB (5V 2.4A)		DC output*4pcs						
	USB (12V 1A)		DC output*2pcs						
Lithium Battery	Energy		960Wh		1920Wh	2560Wh	2560Wh	3072Wh	3072Wh
	Nominal voltage		12.8V		25.6V		25.6V		
	Battery capacity		75Ah		75Ah	100Ah	100Ah	120Ah	250Ah
	Protection board		100A		100A		140A		
	Standard charging & discharge current		50A		50A	50A	50A	50A	50A
	Operation temperature	Charge	0~45℃						
		Discharge	-10~60℃						
Dimension	Product Size (LxWxH) (mm)		359*234*499				/	/	/
	Packing Size (LxWxH) (mm)		/				/	/	/
	Net Weight (kg)		/	/	/	/	/	/	/
	Gross Weight (kg)		/	/	/	/	/	/	/

Torres

OSCAL POWERMAX 6000

Integra tecnología de última generación

máxima eficiencia, fiabilidad y durabilidad

OSCAL PowerMax 6000

Características Principales

- Capacidad de batería $LiFePO_4$ de **3600 Wh** con posibilidad de expansión.
- Potencia de salida continua de **6000 W** (onda sinusoidal pura), con picos (surge) superiores para tolerar cargas momentáneas más elevadas.
- Compatible con **voltaje dual 120 V / 240 V**, lo que permite alimentar tanto equipos domésticos comunes como aparatos de mayor potencia.
- Múltiples puertos de salida: varios tomacorrientes AC, puertos USB-C de alta potencia, USB-A, salidas DC, puerto de mechero de 12V, conector Anderson para cargas elevadas.
- Entradas de carga diversas: mediante corriente de red (AC), paneles solares, e incluso carga desde vehículos, lo que permite flexibilidad para recargar.
- Sistema de conmutación rápida estilo UPS (5-8 ms) para proteger dispositivos sensibles ante cortes de luz.

Ventajas

- Ideal como fuente de respaldo para el hogar: puede mantener funcionando refrigeradores, luces, equipos médicos, routers, etc. durante apagones.
- Excelente para uso en exteriores, trabajos remotos o viajes extensos: autonomía apoyada por paneles solares y diseño robusto.
- Reduce el número de generadores de gas: operación más silenciosa, sin emisiones y más limpia.
- Seguridad y durabilidad: batería $LiFePO_4$ con cientos a miles de ciclos de vida, sistema de gestión de batería (BMS) que protege contra sobrecargas, temperaturas extremas, cortocircuitos, etc.

Usos Recomendados

- Apoyo en cortes de energía en viviendas.
- Estaciones de trabajo temporales, obras, food trucks, etc.
- Ambientación de cabañas, vehículos recreativos, camping.
- Situaciones de emergencia donde se requiera equipamiento esencial en operación continua.

Torres

MUST POWER STATION 1000W

Ideal para instalaciones solares residenciales, sistemas aislados (off-grid)

máxima eficiencia, fiabilidad y durabilidad

POWER STATIONS 1000W HBP18-1012 LV – MUST

Specifications

MODEL			HBP18-1012 LV		HBP18-2024 LV		HBP18-3024 LV		
Inverter	Rated power		1000W		2000W		3000W		
	Output voltage waveform		Pure sine wave						
	Output voltage regulation		120Vac ±5%						
	Output frequency		50Hz / 60Hz (±0.2Hz)						
	Peak efficiency		90%						
	Nominal DC input voltage		12Vdc (±0.3)		24Vdc (±0.3)		24Vdc (±0.3)		
	Standby Consumption		< 25W						
PV Input	Max solar power input		900W		1800W		1800W		
	PV max charging current		60A (±3A)		60A (±3A)		60A (±3A)		
	Combined charging current		70A (±4A)		80A (±4A)		80A (±4A)		
	Max efficiency		98.0% max						
	PV array open circuit voltage		105VDC		145VDC		145VDC		
	PV Array MPPT Voltage Range		15~105V		30~120VDC		30~120VDC		
AC Input	AC input voltage		120Vac ±5%						
	Acceptable input voltage range		90-280VAC						
	Nominal input frequency		50Hz / 60Hz (Auto detection)						
	Transfer time		10ms typical (UPS, VDE); 20ms typical (APL)						
AC Charge	Charging current @ Nominal input voltage		10/20A (±4A)		20A/30A (±4A)		20A/30A (±4A)		
	Charging Algorithm		4-step (Li)						
Output	AC output		120Vac (Socket *4pcs)						
	Type-C		DC output*1pcs						
	USB (5V 2.4A)		DC output*4pcs						
	USB (12V 1A)		DC output*2pcs						
Lithium Battery	Energy		960Wh		1920Wh	2560Wh	2560Wh	3072Wh	3072Wh
	Nominal voltage		12.8V		25.6V		25.6V		
	Battery capacity		75Ah		75Ah	100Ah	100Ah	120Ah	250Ah
	Protection board		100A		100A		140A		
	Standard charging & discharge current		50A		50A	50A	50A	50A	50A
	Operation temperature	Charge	0~45℃						
		Discharge	-10~60℃						
Dimension	Product Size (LxWxH) (mm)		359*234*499				/	/	/
	Packing Size (LxWxH) (mm)		/				/	/	/
	Net Weight (kg)		/	/	/	/	/	/	/
	Gross Weight (kg)		/	/	/	/	/	/	/

Torres

INVERSOR SOLAR MUST 6KW – PV33 TLV

Ideal para instalaciones solares residenciales, sistemas aislados (off-grid)

máxima eficiencia, fiabilidad y durabilidad

INVERSOR / CARGADOR SOLAR 6KW PV33-6048 TLV- MUST

MODEL		PV33-3024 TLV	PV33-3048 TLV	PV33-4024 TLV	PV33-4048 TLV	PV33-5048 TLV	PV33-6048 TLV
INVERTER OUTPUT							
Rated power		3KW		4KW		5KW	6KW
Power factor		1					
Wave form		Pure sine wave					
Output voltage RMS		100V / 110V / 120VAC (200V / 220V / 240VAC) ±10%					
Output frequency		50Hz or 60Hz (±0.3Hz)					
Inverter efficiency (peak)		>85%					
Line mode efficiency		>95%					
Overload		100%<Load<110% (alarm 5min then stop outputand fault code 07) 110%<Load<125% (alarm 60s then stop output and fault code 07) Load > 125% (alarm 10s then stop output and fault code 07)					
Surge rating		9000VA		12000VA		15000VA	18000VA
Capable of starting electric motor		1.5P		2P		3P	
BATTERY							
Battery voltage		24VDC/48VDC				48VDC	
Minimum start voltage		10V/ 10.5V/ 11V/ 11.5V/ 12V±0.5V; 12VDC×2 for 24V; ×4 for 48VAC					
Low battery cut off		low voltage fault code 04 (10V/ 10.5V/ 11V/ 11.5V/ 12V) for 12V model (21V/21V /22V/ 23V/ 24V) for 24V model (40V/ 42V/ 44V/ 46V/ 48V) for 48V model					
Low battery alarm		Add 0.5/battery: (low battery alarm one second one time) (10V/ 10.5V/ 11V/ 11.5V/ 12V) +0.5VDC for 12V model (21V/ 21V/ 22V/ 23V/ 24V) +1VDC for 24V model (40V/ 42V/ 44V/ 46V/ 48V) +2VDC for 48V model					
High voltage alarm		Add +1V/battery: (high voltage one second one time / after 30s fault 03) (12-14.5V) +1VDC for 12V model (24-29V) +2VDC for 24V model (48-58V) +4VDC for 48V model					
Save mode		Load ≤40W(110V) / 80W(220V)					
AC INPUT MODE							
Input waveform		Pure sine wave					
Nominal input voltage		200Vac / 220Vac / 240Vac					
Max input voltage		270Vac MAX					
Input frequency		50Hz / 60Hz (auto sensing)					
Efficiency (AC mode)		>95% (load, full battery)					
Transfer time AC to DC		15ms(typical)					
SOLAR CHARGER							
Maximum PV Array Power		2500W	5000W	2500W	5000W	5000W	5000W
Maximum PV Charge Current		80A±4A					
DC Voltage		24V / 48V				24V / 48V	
MPPT Range @ Operating Voltage		30~230VDC @ 24V /60~230VDC @48V				60~230VDC @48V	
Maximum Solar Input Voltage		245±2Vdc				245±2Vdc	
Maximum Efficiency		>98%					
Standby Power Consumption		<2W					
CHARGE MODE							
Max charge current (±5A)	12V	/		/		/	/
	24V	40A		60A		/	/
	48V	20A		30A		35A	40A
Min charge current 10A. Change by every 5A							
DIMENSIONS							
Machine Dimension (W*H*D)(mm)		359.2*443*188		362*544*188			
Package Dimension (W*H*D)(mm)		598*308*457		698*308*457			
N.W(kg)		/		/			
G.W(kg)		/		/			
Standard Warranty		2years					
CERTIFICATION & STANDARDS							
CE-EMC+LVD (EN6100-6-3, EN6100-6-1+EN IEC62109-1, EN IEC62109-2)							

*The technical specifications of this document are subject to change without any notice

Torres

INVERSOR SOLAR MUST 3KW – PV33 TLV

Ideal para instalaciones solares residenciales, sistemas aislados (off-grid)

máxima eficiencia, fiabilidad y durabilidad

INVERSOR / CARGADOR SOLAR 3KW PV33-3048 TLV- MUST

MODEL	PV33-3024 TLV	PV33-3048 TLV	PV33-4024 TLV	PV33-4048 TLV	PV33-5048 TLV	PV33-6048 TLV
INVERTER OUTPUT						
Rated power	3KW		4KW		5KW	6KW
Power factor	1					
Wave form	Pure sine wave					
Output voltage RMS	100V / 110V / 120VAC (200V / 220V / 240VAC) ±10%					
Output frequency	50Hz or 60Hz (±0.3Hz)					
Inverter efficiency (peak)	>85%					
Line mode efficiency	>95%					
Overload	100%<Load<110% (alarm 5min then stop outputand fault code 07) 110%<Load<125% (alarm 60s then stop output and fault code 07) Load > 125% (alarm 10s then stop output and fault code 07)					
Surge rating	9000VA		12000VA		15000VA	18000VA
Capable of starting electric motor	1.5P		2P		3P	
BATTERY						
Battery voltage	24VDC/48VDC				48VDC	
Minimum start voltage	10V/ 10.5V/ 11V/ 11.5V/ 12V±0.5V; 12VDC×2 for 24V; ×4 for 48VAC					
Low battery cut off	low voltage fault code 04 (10V/ 10.5V/ 11V/ 11.5V/ 12V) for 12V model (21V/21V /22V/ 23V/ 24V) for 24V model (40V/ 42V/ 44V/ 46V/ 48V) for 48V model					
Low battery alarm	Add 0.5/battery: (low battery alarm one second one time) (10V/ 10.5V/ 11V/ 11.5V/ 12V) +0.5VDC for 12V model (21V/ 21V/ 22V/ 23V/ 24V) +1VDC for 24V model (40V/ 42V/ 44V/ 46V/ 48V) +2VDC for 48V model					
High voltage alarm	Add +1V/battery: (high voltage one second one time / after 30s fault 03) (12-14.5V) +1VDC for 12V model (24-29V) +2VDC for 24V model (48-58V) +4VDC for 48V model					
Save mode	Load ≤40W(110V) / 80W(220V)					
AC INPUT MODE						
Input waveform	Pure sine wave					
Nominal input voltage	200Vac / 220Vac / 240Vac					
Max input voltage	270Vac MAX					
Input frequency	50Hz / 60Hz (auto sensing)					
Efficiency (AC mode)	>95% (load, full battery)					
Transfer time AC to DC	15ms(typical)					
SOLAR CHARGER						
Maximum PV Array Power	2500W	5000W	2500W	5000W	5000W	5000W
Maximum PV Charge Current	80A±4A					
DC Voltage	24V / 48V				24V / 48V	
MPPT Range @ Operating Voltage	30~230VDC @ 24V /60~230VDC @48V				60~230VDC @48V	
Maximum Solar Input Voltage	245±2Vdc				245±2Vdc	
Maximum Efficiency	>98%					
Standby Power Consumption	<2W					
CHARGE MODE						
Max charge current (±5A) 12V	/		/		/	/
Max charge current (±5A) 24V	40A		60A		/	/
Max charge current (±5A) 48V	20A		30A		35A	40A
Min charge current 10A. Change by every 5A						
DIMENSIONS						
Machine Dimension (W*H*D)(mm)	359.2*443*188		362*544*188			
Package Dimension (W*H*D)(mm)	598*308*457		698*308*457			
N.W(kg)	/		/			
G.W(kg)	/		/			
Standard Warranty	2years					
CERTIFICATION & STANDARDS						
CE-EMC+LVD (EN6100-6-3, EN6100-6-1+EN IEC62109-1, EN IEC62109-2)						

*The technical specifications of this document are subject to change without any notice

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INVERSOR SOLAR MUST 12KW – PV39 TLV

Ideal para instalaciones solares residenciales, sistemas aislados (off-grid)

máxima eficiencia, fiabilidad y durabilidad

INVERSOR / CARGADOR 12KW PV39-12048 TLV – MUST

MODEL	PV39-8048 TLV	PV39-10048 TLV	PV39-12048 TLV
Nominal Battery System Voltage	48VDC		
Stand-alone mode	Yes		
Parallel operation	3 units		
INVERTER OUTPUT			
Rated power	8KW	10KW	12KW
Surge rating	24000VA	30000VA	36000VA
Capable of starting electric motor	4HP	5HP	6HP
Waveform	Pure sine wave / same as input (bypass mode)		
Nominal output voltage RMS	100V/110V/120V/200V/220V/240V		
Inverter effciency(peak)	>90%		
Line mode efficiency	>95%		
Power factor	1.0		
Typical transfer time	10ms(max)		
AC INPUT			
Voltage	220V/230V/240V		
Selectable voltage range	90-280 VAC (APL)		
Frequency range	50Hz / 60Hz		
BATTERY			
Low battery voltage cutoff	40-48VDC for 48VDC mode		
Low battery voltage recover	42-50VDC for 48VDC mode		
High battery voltage cutoff	60VDC for 48VDC mode		
High battery voltage recover	57VDC for 48VDC mode		
No-load loss	<50W		
AC CHARGER			
Output voltage	Depends on battery type (Supports lead-acid, gel, and lithium batteries)		
Charger AC input breaker rating	100A		
Overcharge protection S.D.	62.8VDC for 48VDC mode		
Maximum charge current	10-140A (setting) battery terminal		
BTS			
Continuous output power	Yes Variances in charging voltage & S.D. voltage base on the battery temperature		
BYPASS & PROTECTION			
Input voltage waveform	Sine wave (grid or generator)		
Nominal input frequency	50Hz or 60Hz		
Overload protection (SMPS Load)	Software + Circuit breaker		
Output short circuit protection	Software + Circuit breaker		
Bypass breaker rating	63A		
Max bypass current	80A		
SOLAR CHARGER			
Maximum PV charge current	100A	200A	200A
DC voltage	48V		
Maximim PV array power	5000W	10000W	10000W
MPPT range @ operating voltage(VDC)	64~235VDC		
Maximum PV array open circuit voltage	250VDC		
Maximum effciency	>98%		
Standby power consumption	<2W		
MECHANICAL SPECIFICATIONS			
Mounting	Wall mount		
Packing	Wooden box		
Machine Dimension (W*H*D)(mm)	439*660.5*233.2		
Package Dimension (W*H*D)(mm)	782*314.5*520.5		
N.W(kg)	55	62	69
G.W(kg)	73	80	87
OTHER			
Operation temperature range	0°C to 50°C		
Storage temperature	15°C to 60°C		
Audible noise	60dB MAX		
Communication	WiFi		
Display	LED+LCD		
Standard Warranty	2years		
CERTIFICATION & STANDARDS			
CE-LVD (IEC62109-1:2010, EN IEC62109-2:2011); UL1741			

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INVERSOR MUST 1000W – HBP18 LV

sistema de almacenamiento de energía con baterías de litio.

Es ideal para el almacenamiento de energía de emergencia en el hogar

INVERSOR 1000W HBP18-1012 LV -MUST

Specifications

MODEL			HBP18-1012 LV		HBP18-2024 LV		HBP18-3024 LV		
Inverter	Rated power		1000W		2000W		3000W		
	Output voltage waveform		Pure sine wave						
	Output voltage regulation		120Vac ±5%						
	Output frequency		50Hz / 60Hz (±0.2Hz)						
	Peak efficiency		90%						
	Nominal DC input voltage		12Vdc (±0.3)		24Vdc (±0.3)		24Vdc (±0.3)		
	Standby Consumption		< 25W						
PV Input	Max solar power input		900W		1800W		1800W		
	PV max charging current		60A (±3A)		60A (±3A)		60A (±3A)		
	Combined charging current		70A (±4A)		80A (±4A)		80A (±4A)		
	Max efficiency		98.0% max						
	PV array open circuit voltage		105VDC		145VDC		145VDC		
	PV Array MPPT Voltage Range		15~105V		30~120VDC		30~120VDC		
AC Input	AC input voltage		120Vac ±5%						
	Acceptable input voltage range		90-280VAC						
	Nominal input frequency		50Hz / 60Hz (Auto detection)						
	Transfer time		10ms typical (UPS, VDE); 20ms typical (APL)						
AC Charge	Charging current @ Nominal input voltage		10/20A (±4A)		20A/30A (±4A)		20A/30A (±4A)		
	Charging Algorithm		4-step (Li)						
Output	AC output		120Vac (Socket *4pcs)						
	Type-C		DC output*1pcs						
	USB (5V 2.4A)		DC output*4pcs						
	USB (12V 1A)		DC output*2pcs						
Lithium Battery	Energy		960Wh		1920Wh	2560Wh	2560Wh	3072Wh	3072Wh
	Nominal voltage		12.8V		25.6V		25.6V		
	Battery capacity		75Ah		75Ah	100Ah	100Ah	120Ah	250Ah
	Protection board		100A		100A		140A		
	Standard charging & discharge current		50A		50A	50A	50A	50A	50A
	Operation temperature	Charge	0~45℃						
		Discharge	-10~60℃						
Dimension	Product Size (LxWxH) (mm)		359*234*499				/	/	/
	Packing Size (LxWxH) (mm)		/				/	/	/
	Net Weight (kg)		/	/	/	/	/	/	/
	Gross Weight (kg)		/	/	/	/	/	/	/

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THANKS!

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