

Hi-MO 4m

LONGi LR4 60HIB 365M

LR4-60HIB 355~375M

- Suitable for distributed projects
- Advanced module technology delivers superior module efficiency
 - M6 Gallium-doped Wafer
 - 9-busbar Half-cut Cell
- Excellent outdoor power generation performance
- Aesthetic appearance with all black module design



12-year Warranty for
Materials and Processing



25-year Warranty for Extra
Linear Power Output

Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO 9001:2015: ISO Quality Management System

ISO 14001: 2015: ISO Environment Management System

TS62941: Guideline for module design qualification and type approval

ISO 45001: 2018: Occupational Health and Safety



20.6%
MAX MODULE
EFFICIENCY

0~3%
POWER
TOLERANCE

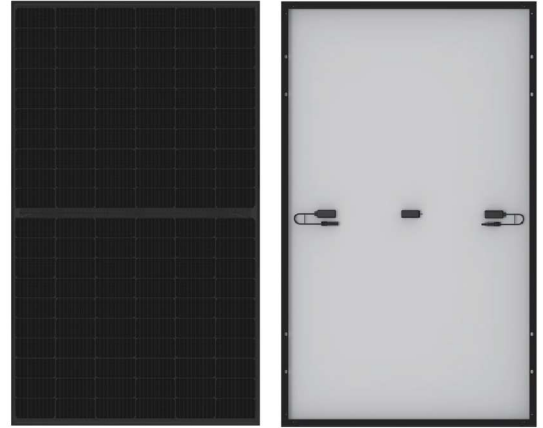
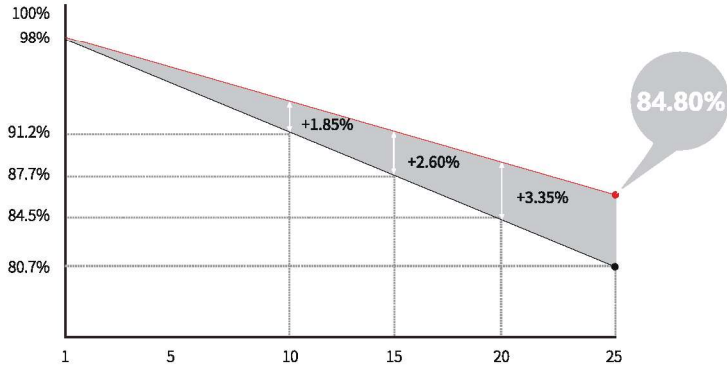
<2%
FIRST YEAR
POWER DEGRADATION

0.55%
YEAR 2-25
POWER DEGRADATION

HALF-CELL
Lower operating temperature

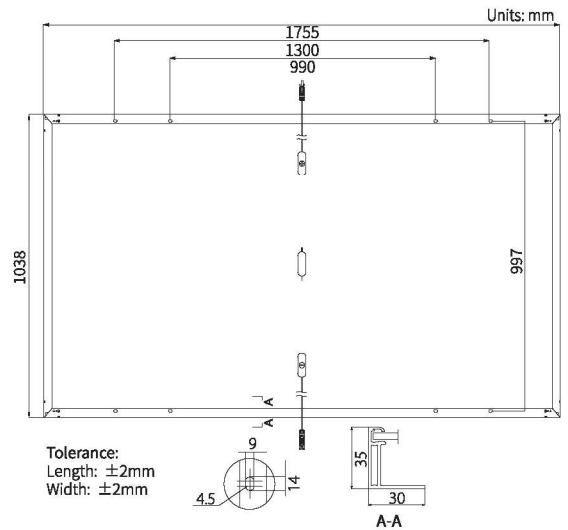
Additional Value

25-Year Power Warranty



Mechanical Parameters

Cell Orientation	120 (6×20)
Junction Box	IP68, three diodes
Output Cable	4mm ² , 1200mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	19.5kg
Dimension	1755×1038×35mm
Packaging	30pcs per pallet / 180pcs per 20' GP / 780pcs per 40' HC



Electrical Characteristics

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

Module Type	LR4-60HIB-365M	
Testing Condition	STC	NOCT
Maximum Power (P _{max} /W)	365	274.2
Open Circuit Voltage (V _{oc} /V)	41.0	38.6
Short Circuit Current (I _{sc} /A)	11.41	9.26
Voltage at Maximum Power (V _{mp} /V)	35.0	32.6
Current at Maximum Power (I _{mp} /A)	10.43	8.42
Module Efficiency(%)	20.0	

Operating Parameters

Operational Temperature	-40°C ~ +85°C
V _{oc} and I _{sc} Tolerance	±3%
Maximum System Voltage	DC1000V (IEC/UL)
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	UL type 1 or 2 IEC Class C

Mechanical Loading

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

Temperature Ratings (STC)

Temperature Coefficient of I _{sc}	+0.050%/°C
Temperature Coefficient of V _{oc}	-0.265%/°C
Temperature Coefficient of P _{max}	-0.340%/°C



WVC-600 MICRO INVERTER

WVC-600 micro inverter with Aluminum alloy shell & IP44 & waterproof streamline design, built-in high-performance Maximum Power Point Tracking (MPPT) function, more better to track change on solar luminosity and control different output power, effectively capture and collect sunlight. AC electric power transmission based on advanced reverse transmission technology which is one of our patented technologies, load priority and the rest electricity to the grid, high electricity transmission efficiency up to 99%. Excellent stability, reliability, safety and heat dissipation. Perfect communication solution of power line carrier technology between micro inverter and collector, RS232 serial port / WIFI wireless communication between collector and PC. Intelligent monitoring system, the collector is able to collect / track real-time data on each PV module and transmit to PC, user can easily control micro inverter's startup / shutdown / power regulation by software. Ingenious and modular connection accessories(cable and connector) for micro inverter cluster to ensure economy, easy installation and safety.

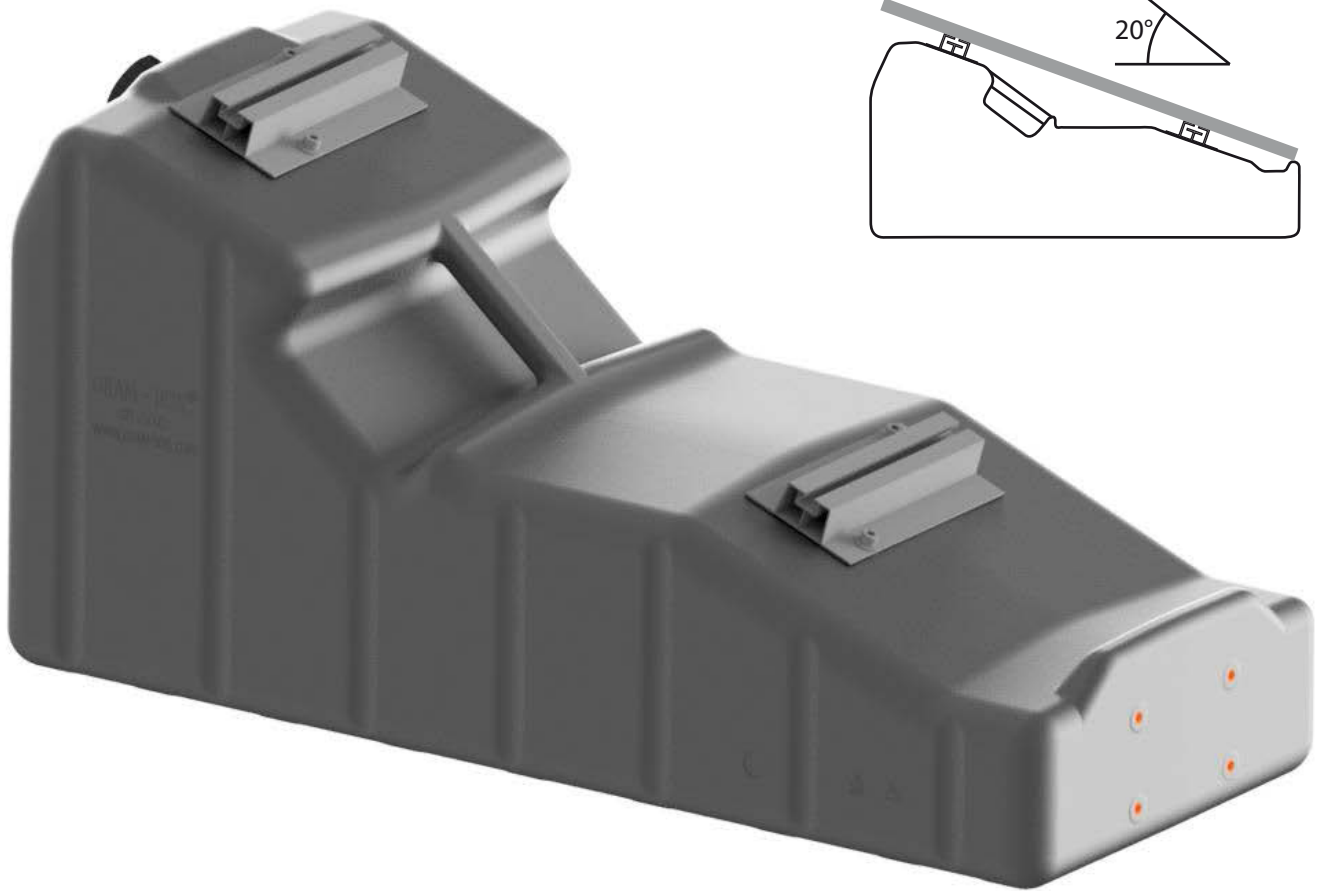
Compliance: VDE-AR-N 4105: 2018, EN 50549-1: 2019, VFR 2019, IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 61000-3-2/-3

High performance micro inverter	Easy and afford to install	Data transmission & communication	Cost advantages
<ul style="list-style-type: none"> ☑ Input / output isolated to protect safety ☑ Rapid MPPT tracking technology ☑ Superior PV energy harvest ☑ Excellent thermal performance ☑ High overload capacity 	<ul style="list-style-type: none"> ☑ Lightweight and compact size ☑ Outdoor application with firm IP44 ☑ Ingenious and modular end connection ☑ Reverse connection prevention design ☑ Flexible installation 	<ul style="list-style-type: none"> ☑ Intelligent remote monitoring system ☑ Real-time data for each PV module ☑ Power line carrier communication ☑ Wifi / RS232 serial communication ☑ LED indication implies system status 	<ul style="list-style-type: none"> ☑ Wide input voltage for variety of modules ☑ Higher performance-to-price-ratio ☑ Low transport cost by small size design ☑ Low maintenance expense



GRAM-BOX

BALLASTSYSTEME



plenti SOLAR
Erneuerbare Energie

www.plentisolar.de



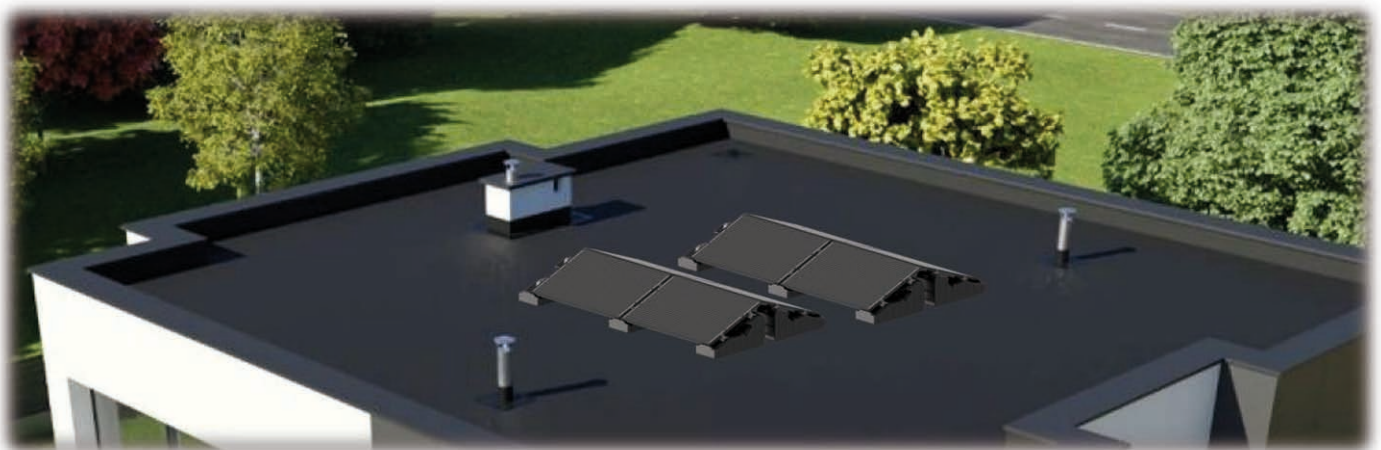
GRAM-BOX BALLASTSYSTEME

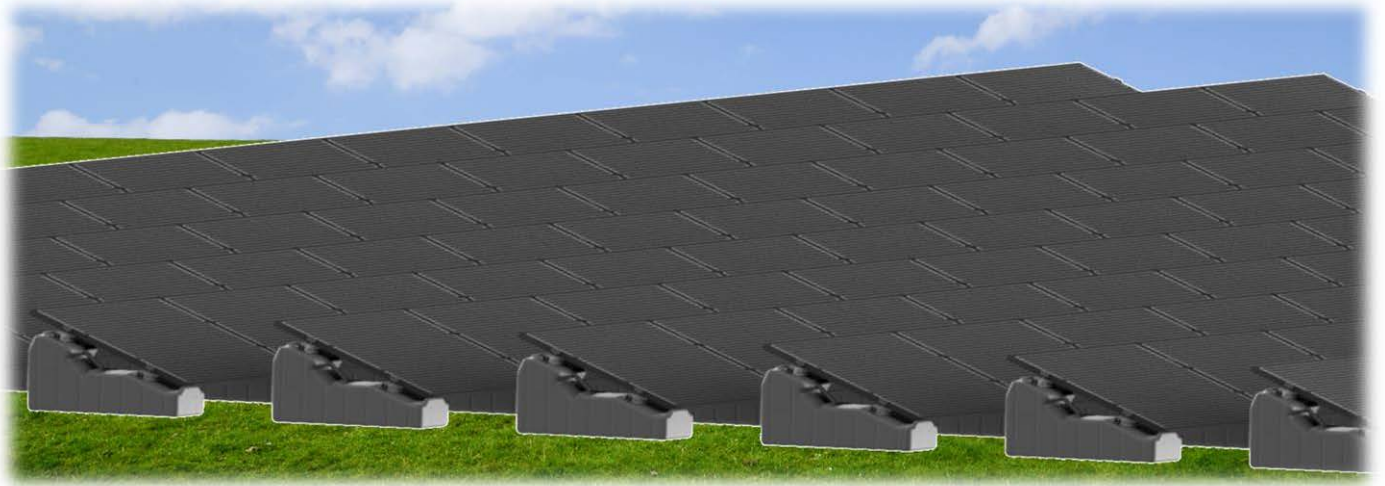


DAS REVOLUTIONÄRE MONTAGESYSTEM
FÜR PHOTOVOLTAIK-PANELS!

Verkürzte Montagezeit um bis zu 80%

GRAM - BOX ist ein patentierter Ballasttank aus Kunststoff, der sich durch eine außergewöhnlich hohe mechanische Festigkeit und Beständigkeit gegen äußere nachteilige Einflüsse auszeichnet. Aufgrund seiner Leichtigkeit - Gewicht unter 4 kg - ermöglicht es einen problemlosen Transport und eine einfache Montage. Die ergonomische Form, ohne scharfe Kanten, garantiert eine beschädigungsfreie Aufstellung auf der Dachfläche.





Die innovative Technologie des GRAM-BOX Systems
Während der Produktion werden die Tanks des GRAM-BOX-Systems mit einer angemessenen Menge an Frostschutzmittel befüllt. Erst bei der Montage - um das richtige Ballastgewicht zu erhalten, wird der Tank mit der optimalen Menge Leitungswasser (max. 50l) aufgefüllt. Passen Sie die Menge der nachzufüllenden Flüssigkeit an die Traglast des Untergrundes an. Eine solche Installation kann erfolgreich auf flachen, geneigten Dächern (mit einer Neigung von bis zu 10 Grad) und auf dem Boden installiert werden.

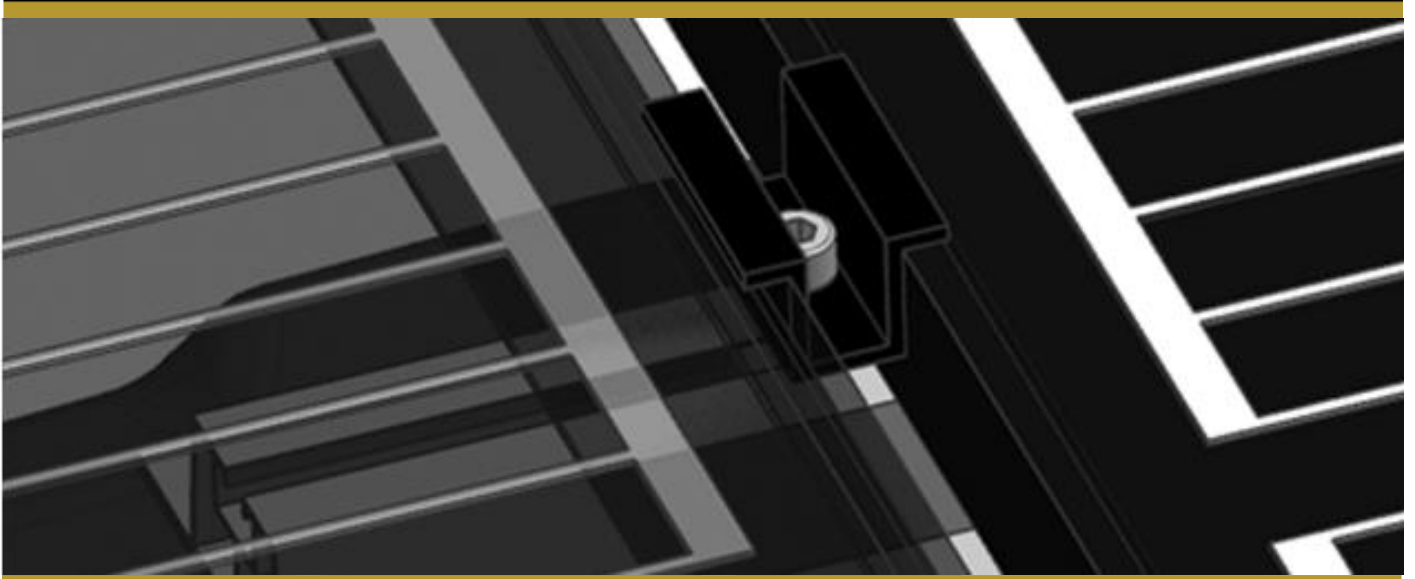


GRAM-BOX
BALLASTSYSTEME

plentiSOLAR
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GRAM-BOX

BALLASTSYSTEME



Das GRAM-BOX-System ist für die Installation aller auf dem Markt erhältlichen Paneele geeignet, unabhängig von Art, Größe und Leistung. Aufgrund seiner Eigenschaften kann die Montage erheblich schneller durchgeführt werden als bei herkömmlichen Montagesets. Die Montagezeit kann bis zu 80% reduziert werden.

