

Customized P36 Mono Modules

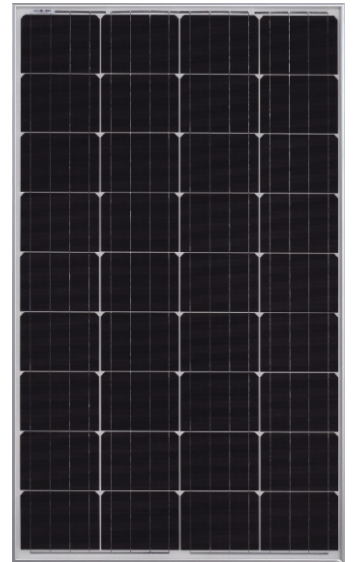
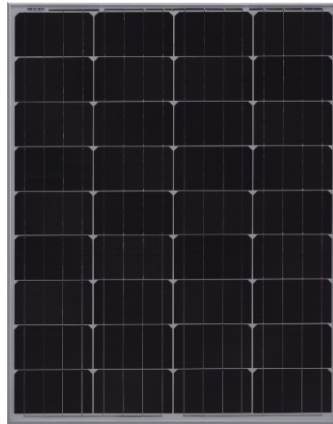
LHM75-130W 75-130W

115-130W

100-110W

85-95W

75-80W



Management System



ISO 9001: Quality management system



ISO 14001: Environment Management System



OHSAS 18001: International Occupational Health and Safety Management System

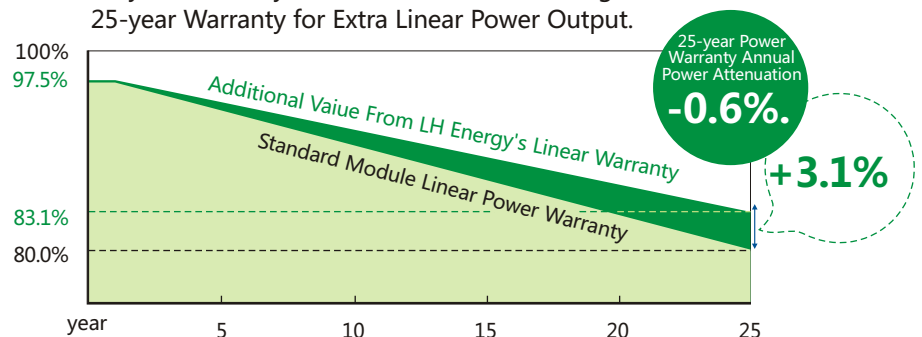
Founded in 2010, LH Energy is the world's leading comprehensive solutions provider for solar energy. We believe close cooperation with our partners is critical to success. LH Energy now distributes its PV products to over 60 countries all over the world. LH Energy is able to provide exceptional service to each customer in each market and supplement our innovative, reliable products with the backing of LH Energy as a strong, bankable partner. We are committed to building strategic, mutually beneficial collaboration with installers, developers, distributors and other partners.

Product Certifications



PERFORMANCE WARRANTY

12-year Warranty for Materials and Processing;
25-year Warranty for Extra Linear Power Output.



LIGHT & HOPE

COMPANY NAME: LIGHT & HOPE ENERGY CO.,LTD

FACTORY ADD: 88/24-25 MOO 15. BANGSAOTHONG SUB- DISTRICT.
BANGSAOTHONG DISTRICT SAMUT PRAKARN THAILAND 10570

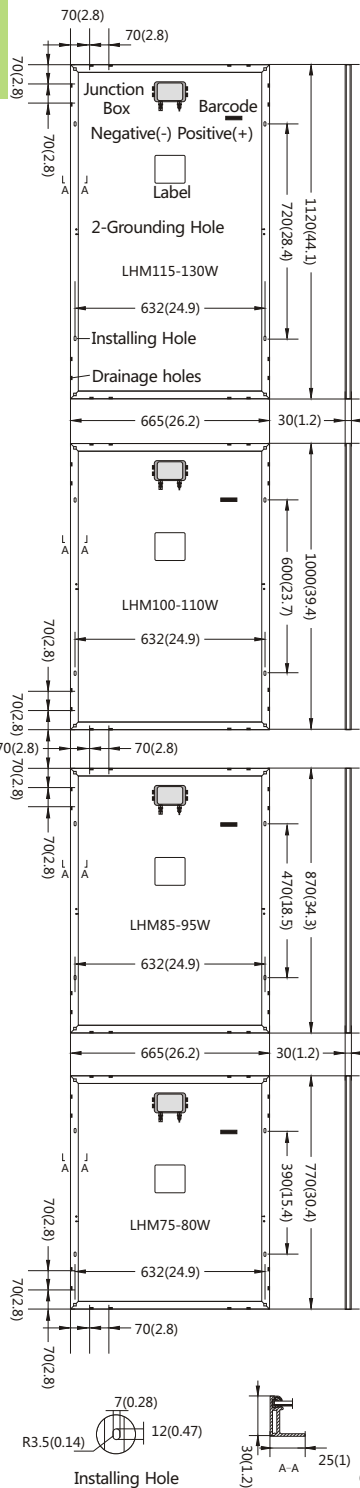
TAX ID: 0115562029595 **TEL:** +66 02 0001217 **Email:** sales@lh-solar.com

Website: www.lighthopeenergy.com

Design (mm)

Electrical Specification

Test uncertainty for Pmax: 0~+3%



Module Type	LHM75W	LHM80W	LHM85W	LHM90W	LHM95W	LHM100W
Pmax (W)	75	80	85	90	95	100
Voc(V)	22.6	22.8	22.4	22.6	22.8	22.6
Isc(A)	4.40	4.65	5.04	5.28	5.52	5.87
Vmp(V)	18.4	18.6	18.2	18.4	18.6	18.4
Imp(A)	4.08	4.30	4.67	4.89	5.11	5.43
η m (%)	14.65	15.62	14.69	15.56	16.42	15.04

Module Type	LHM105W	LHM110W	LHM115W	LHM120W	LHM125W	LHM130W
Pmax (W)	105	110	115	120	125	130
Voc(V)	22.7	22.8	22.6	22.8	23.1	23.4
Isc(A)	6.13	6.39	6.75	6.97	7.18	7.43
Vmp(V)	18.5	18.6	18.4	18.6	18.8	18.9
Imp(A)	5.68	5.91	6.25	6.45	6.65	6.88
η m (%)	15.79	16.54	15.44	16.11	16.78	17.45

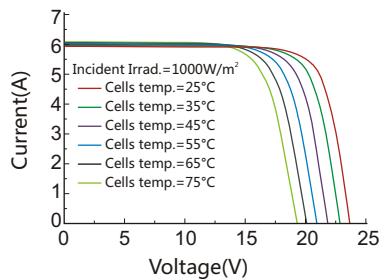
STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5

Structure & Package Specification

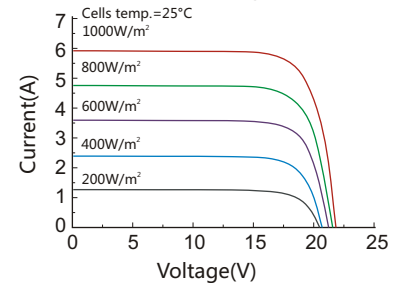
Module Type	LHM115W-130W	LHM100W-110W	LHM85W-95W	LHM75W/80W
Dimension	1120×665×30mm	1000×665×30mm	870×665×30mm	770×665×30mm
Weight	8.4kg	7.5kg	6.5kg	5.7kg
Mono Cell	117×156mm	104×156mm	90×156mm	78×156mm
Glass	3.2mm	3.2mm	3.2mm	3.2mm
Frame	Anodized Aluminium Alloy			
J-Box	IP67			
Load	5400Pa			
Carton Box Dimension	4135×680×175mm	1015×680×175mm	885×680×175 mm	785×680×175 mm
Pallet Dimension	1400×1150×2170mm	1400×1100×2160mm	1800×1100×2170mm	1600×1100×2170mm
Pallet Weight	1074kg	966kg	1264kg	1115kg
Pallet Quantity	120(5/box)	120(5/box)	180(5/box)	180(5/box)

I-V Curve (LHM100W)

Current-Voltage Curve



Current-Voltage Curve



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