

LORENTZ 

PV Modules LC Series

High-efficiency PV Modules

LORENTZ LC Series PV Modules are high quality, high efficiency modules which are proven for use in off grid applications.

LC Series Modules are used in a wide range of applications including water pumping, water purification systems and anywhere that a reliable, robust PV module is required.

The LC Series modules are built with sturdy aluminium frames, advanced EVA encapsulation and triple layer back sheets to meet the most stringent safety requirements.

Benefits

- Known good quality modules from a recognised supplier
- Tested with LORENTZ solar pumping systems which reduces risk
- Module specifications included as standard in LORENTZ CEMAPS solar planning software and kept up to date
- LORENTZ guarantee

Features

- High conversion efficiency
- Pre-wired junction box with connectors for "plug and play"
- Reliable bypass diodes to prevent overheating and minimise power loss from shading
- Manufactured in an ISO 9001:2000 certified factory

	Power	Cells	tolerance	Imp	V _{oc} mp	Is	V _{oc}	Temperature coefficient for P _{max}	Is	Temp ²	Temp ³	Is	Max. System Voltage	Size	Weight
				[W]	[V]	[A]	[V]	[%/°C]	[%/°C]	[%/°C]	[%/°C]	[A]		[mm]	[kg]
LC Series	Model														
LC100-36W	100	36	+5%	5.35	18.7	5.72	23.0	-0.40	-0.33	0.05	1.000	1.500	1952 × 35	8.1	
LC150-75W	150	36	+5%	7.98	18.8	8.50	22.7	-0.42	-0.34	0.06	1.000	1.602 × 673	40	12.0	
LC205-M72	205	72	+5%	5.49	31.4	5.86	45.8	-0.40	-0.33	0.05	1.000	1.580 × 808	40	14.8	
LC200-750	200	60	+5%	8.23	30.4	8.81	37.6	-0.42	-0.34	0.06	1.000	1.650 × 902	40	18.5	
LC200-772	200	72	+5%	8.21	30.5	8.80	45.1	-0.42	-0.34	0.06	1.000	1.596 × 902	40	22.5	

¹ PV modules at standard test conditions: cell = 1.1, 1.1 = 1000W/m², cell temperature: 25 °C

To find out more visit www.lorentz.de

BEENT LORENTZ GmbH & Co. KG

Königsplatz 1, 32698 Rosenthal-Wilberg, Germany, Tel.: +49(0)4370 7348-0

All specifications and information are given with good intent, errors are possible and products may be subject to change without notice. A notice after the above data points describing the use and limits of the products and the application of the products is available. Multiple pump applications are shown to represent the wide range of possible uses for the LC Series PV Modules.

Sun. Water. Life.

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