



linear performance warranty

12 Years
Material & Craft
Quality
assurance

25 Years
80% output
Power
guarantee



ISO9001
ISO14001
OHSAS18001



High Module Efficiency



Mechanical Load
Capability up to 8000 Pa



Salt Mist Corrosion Protect
Ammonia Resistance



Potential Induced
Degradation Free

TYPE		LF 445M8-72H
STC 1000W/M ² Module Temperature 25°C A.M.1.5	POWER OUTPUT	445
	MAXPOWER TOLERANCE	0-5W
	MODULE EFFICIENCY (%)	20.50
	VOLTAGE MPP Vmpp	41.28
	CURRENT MPP Impp (A)	10.78
	VOLTAGE OPEN CIRCUIT Voc	49.28
SHORT CIRCUIT CURRENT Isc (A)		11.71
NOCT 800W/M ² Environment Temperature 20°C A.M.1.5	POWER OUTPUT	341.86
	VOLTAGE MPP Vmpp (V)	37.63
	CURRENT MPP Impp (A)	9.09
	VOLTAGE OPEN CIRCUIT Voc (V)	45.50
	SHORT CIRCUIT CURRENT Isc (A)	9.96
TEMPERATURE COEFFICIENTS Isc (% / °C)	0.046	
TEMPERATURE COEFFICIENTS Voc (% / °C)	-0.276	
TEMPERATURE COEFFICIENTS Pmpp (% / °C)	-0.381	
NOCT (°C)	45±2°C	

Mechanical Data

DIMENSIONS OF MODULE	2094*1038*35mm
WEIGHT(Kg)	24.0 (INCLUDING FRAME 29.0)
CABLE	4mm ²
GLASS	High transmission glass 3.2mm
JUNCTION BOX	IP68, 3 Bypass-Diode, 300mm in length
TYPE OF CONNECTOR	Compatible with MC 4 plug

Packaging Configuration

Loading Capacity	155 pcs/20GP
	682 pcs/40HC

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Working Conditions

MAX SYSTEM VOLTAGE (VDC)	1500V
SERIES FUSE RATING	15A
MECHANICAL LOAD	≥5400Pa
OPERATING TEMPERATURE (°C)	-40~+85
APPLICATION CLASS	A

I-V CURVES

