



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 435M8-72H
STC 1000W/M <sup>2</sup> Module Temperature 25°C A.M.1.5	POWER OUTPUT	435
	MAXPOWER TOLERANCE	0-5W
	MODULE EFFICIENCY (%)	20.00
	VOLTAGE MPP Vmpp	40.88
	CURRENT MPP Impp (A)	10.64
	VOLTAGE OPEN CIRCUIT Voc	48.84
	SHORT CIRCUIT CURRENT Isc (A)	11.57
NOCT 800W/M <sup>2</sup> Environment Temperature 20°C A.M.1.5	POWER OUTPUT	334.18
	VOLTAGE MPP Vmpp (V)	37.27
	CURRENT MPP Impp (A)	8.97
	VOLTAGE OPEN CIRCUIT Voc (V)	45.09
	SHORT CIRCUIT CURRENT Isc (A)	9.84
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 <sup>2</sup>
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

