

SOLAR PANEL



**30 YEARS PANEL
WARRANTY**



**95% SAVING ON
ELECTRICITY EXPENSES**



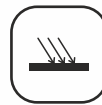
Ip68 Junction Box For High
Waterproof level



LCOE Is Cut Back by using M10 size solar cell
with adding more power output than lower
size cell module



Field Reliability is improved due to multiple
contact points on the cell which lowers the
cell stress during module fabrication



AR Coated Tempered Glass Anti-
Reflective Module Surface



Excellent Module Efficiency



Pre and Post EL Checking to ensure
defect free module



Excellent module conversion
efficiency of up to 21.3%

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LUMENBERG



Mono c-Si PERC, Full cells, 158.75 mm, 1500V, 72-cell			SU72C-MB-390		SU72C-MB-395		SU72C-MB-400			
Lumenberg			STC	NOCT	STC	NOCT	STC	NOCT		
Nominal Max. Power	Pmax (Wp)		390	291	395	294	400	297		
Maximum Power Voltage	Vmp (V)		41.10	38.30	41.40	38.50	41.71	38.70		
Maximum Power Current	Imp (A)		9.49	7.59	9.54	7.63	9.59	7.67		
Open-Circuit Voltage	Voc (V)		49.30	46.90	49.48	47.10	49.69	47.30		
Short-Circuit Current	Isc (A)		10.12	8.10	10.50	8.40	10.59	8.47		
Module efficiency	(%)		19.79		20.04		20.29		0.00	
Power Tolerance	Pmax (Wp)		0~+5							
Maximum System Voltage DC	(V)		1500							
Maximum Series Fuse Rating	(A)		15							
Operating temperature	(°C)		-40~+85							
Temp. coefficients of Pmax	(%/°C)		-0.370							
Temp. coefficients of Voc	(%/°C)		-0.28							
Temp. coefficients of Isc	(%/°C)		0.048							
Nom. Operating cell temp. (NOCT)	(°C)		45±2							
Cell Type			Mono 158.75*158.75mm							
Dimensions	*		1979*996*35							
Weight			21 kg							
Junction Box			IP68, 3 Bypass							
Output Cable			900mm							
Connector Type			mc4/mc4 compatible							
Hail Resistance			distance 1m, Hail stone Diameter 25mm, Speed 23m/s							
Wind Load			2400 Pa / 244 kg/ m ²							
Mechanical Load			5400 Pa / 550 kg/ m ²							
Packing Configuration			62/66							
Loading Capacity (20GP)			310							
Loading Capacity (40HQ)			726							
Size / Pallet (mm)			2015*1140*2235/2015*1140*2395							
Weight / Pallet			1418/1505							