

SOLAR PANEL



**30 YEARS PANEL
WARRANTY**



**95% SAVING ON
ELECTRICITY EXPENSES**



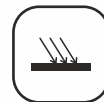
Ip68 Junction Box For High
Waterproof level



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



Defects Pre and Post EL Checking to ensure
defect free module



Excellent module conversion
efficiency of up to 21.3%

 www.sunithon.com

 Support@sunithon.com

 1138 Szekszárdi utca 9, 13 kerület,
Budapest, Hungary



LUMENBERG



Gallium-doped Mono c-Si PERC, Half-cut cells, 158.75 mm, 1500V, 120-cell			SU120C-MB-335		SU120C-MB-340		SU120C-MB-345					
Lumenberg			STC	NOCT	STC	NOCT	STC	NOCT				
NominalMax.Power	Pmax (Wp)		335	250	340	253	345	257				
Maximum Power Voltage	Vmp (V)		34.44	32.10	34.69	32.30	34.95	32.50				
Maximum Power Current	Imp (A)		9.73	7.78	9.80	7.84	9.87	7.90				
Open-Circuit Voltage	Voc (V)		41.61	38.80	41.88	39.00	42.23	39.20				
Short-Circuit Current	Isc (A)		10.22	8.18	10.30	8.24	10.38	8.30				
Module efficiency	(%)		19.88		20.18		20.47		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)		-0.344									
Temp. coefficients of Voc	(%/°C)		-0.272									
Temp. coefficients of Isc	(%/°C)		0.035									
Nom. Operating cell temp. (NOCT)	(°C)		45±2									
Cell Type			Mono 158.75*79.38mm									
Dimensions	*		1692*996*35									
Weight			19 kg									
Junction Box			IP68, 3 Bypass Diodes									
Output Cable			350mm									
Connector Type			PV Connector									
Hail Resistance			distance 1m,Hail stone Diameter 25mm,Speed 23m/s									
Wind Load			2400 Pa / 244 kg/ m²									
Mechanical Load			5400 Pa / 550 kg/ m²									
Packing Configuration			62/66									
Loading Capacity (20GP)			372									
Loading Capacity (40HQ)			858									
Size / Pallet (mm)			1725*1140*2235/1725*1140*2395									
Weight / Pallet			1280/1360									