

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



LICHTSTROM



Mono c-Si PERC, Shingled cells, 166 mm, 1500V, 60-cell			SUNOC-E-395		SUNOC-E-400		SUNOC-E-405						
			STC	NOCT	STC	NOCT	STC	NOCT					
	Link to spec												
	NominalMax Power	Pmax (Wp)	395	297	400	301	405	305					
	Maximum Power Voltage	Vmp (V)	38.50	36.70	38.60	36.80	38.70	36.90					
	Maximum Power Current	Imp (A)	10.26	8.10	10.36	8.18	10.47	8.27					
	Open-Circuit Voltage	Voc (V)	46.30	44.10	46.40	44.20	46.50	44.30					
	Short-Circuit Current	Isc (A)	16.92	9.81	10.97	8.85	11.02	8.89					
	Module efficiency	(%)	20.16		20.41		20.67						
	Power Tolerance	Pmax (Wp)	0+-15										
	Maximum System Voltage DC	(V)	1500										
	Maximum Series Fuse Rating	(A)	20										
	Operating temperature	(°C)	-40+-85										
	Temp. coefficients of Pmax	(%/°C)	-0.34										
	Temp. coefficients of Voc	(%/°C)	-0.27										
	Temp. coefficients of Isc	(%/°C)	0.04										
	Nom. Operating cell temp. (NOCT)	(°C)	42.3±2										
	Cell Type		166mm										
	Dimensions		1719*1140*30										
	Weight		21 kg										
	Junction Box		IP 68 rated										
	Output Cable		350mm										
	Connector Type		MC 4 / MC 4 compatible										
	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		36/2										
	Loading Capacity (20GP)		216										
	Loading Capacity (40HQ)		936										
	Size / Pallet (mm)		1750*1140*1250/1750*1140*2490										
	Weight / Pallet		806/1612										