

SYM Series

600W-1200W



www.solaryaan.com



HIGH PERFORMANCE

Low start-up voltage, wide voltage range, more efficient.



EASY INSTALLATION

Flexible configuration, plug & play set-up



IP 67 RATED

Engineered to last with maximum flexibility. Suitable for outdoor installation.



REMOTE MONITORING

Monitor your system remotely via smart phone app or web portal.

+91 83 3388 3388

info@solaryaan.com

www.solaryaan.com



@solaryaan

Solaryaan : A 1002, Times Square 2, Sindhu Bhavan Road, Thaltej, Ahmedabad, Gujarat 380054

*Feature to be upgraded in the future. (T&C Apply)

Technical Specifications



Model	SYM600W		SYM800W	SYM1000W	SYM1200W
DC Input					
Applicable module power	355Wp-670Wp+				
Max. DC voltage	60V				
Operating voltage range	20V ~ 55V				
MPPT voltage range	31V ~ 45V				
Start-up voltage	24V				
Max. Input Current	20A				
Max. Input Short-circuit Current	24A				
Number of MPPTs	2				
No. of PV Module Connect per MPPTs	1				
DC over-voltage protection class	II				
AC OUTPUT					
Nominal output power	600W	800W	1000W	1200W	
Peak output apparent power	600VA	800VA	1000VA	1200VA	
Nominal output current	2.72A	3.64A	4.54A	5.46A	
Nominal output voltage/range	L+N+PE 230V				
Nominal output frequency	50/60 Hz				
Power Factor	>0.99				
Max. Total Harmonic Distortion	<3%				
Cable Size 6 sq. mm Branch	11	8	7	5	
Cable Size 4 sq. mm Branch	9	6	5	4	
AC over-voltage protection class	III				
EFFICIENCY					
Max. Efficiency	96.00%				
Nominal MPPT Efficiency	99.90%				
GENERAL DATA					
Dimensions (WxHxD)	270*182*34.5mm				
Weight	3.9 kg				
Cooling Method	Natural convection-No fans				
Ingress Protection	IP67				
Max. Operating Altitude	2000m				
Operating Ambient Temp. Range	-25 °C ~ +65°C				
Allowable Relative Humidity Range	1% ~ 100%				
Nominal nighttime consumption	< 50 mW				
Communication	WIFI + BLUETOOTH				
Isolation type	Reinforce Isolation				
Monitoring	PV Hub				
PV terminal interlock force	50N				
WARRANTY	10 Years				
CERTIFICATE					
BIS	IS 16221 (PART 2) : 2015 / IEC 62109-2 : 2011, IS 16169 : 2019 / IEC 62116 : 2014 IS 17980 : 2022 / IEC 62891 : 2020				