

SYS SERIES

3KW - 6KW



AC/DC built-in Type II Surge protection and I-V curve diagnosis supported.



Support continuous data uploading with multiple monitoring interfaces including Web Portal, Mobile and API Access.



IP 65 rated, engineered to last with maximum flexibility, making it suitable for outdoor installation.

The SYS series of our company consists of single-phase inverters that infuse the best technology with an integrated streamlined case design. It is robust for residential and commercial spaces.

Best compatible with New technology PV module like Bifacial, TOPCON, HJT.

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

SINGLE PHASE INVERTERS

Technical Specifications



Model	SYS3000W	SYS3300W	SYS3600W	SYS4000W	SYS4200W	SYS4600W	SYS5000W	SYS5300W	SYS5500W	SYS6000W
DC OUTPUT										
DC Input Watt	3000W	3300W	3600W	4000W	4200W	4600W	5000W	5300W	5500W	6000W
MAX DC Voltage	500V					600V				
Start-Up Voltage	60V					60V				
Rated Voltage DC	360V					360V				
MPPT operating Range	50-480V					50-550V				
Max. permissible DC current / MPPT						20A				
Short Circuit Current						26A				
No of MPPT						1				
No of Strings per MPPT						1				
AC Output										
Nominal AC Output power	3000W	3300W	3600W	4000W	4200W	4600W	5000W	5300W	5500W	6000W
Rated AC Current	13.00A	14.30A	15.70A	17.40A	18.26A	20.00A	21.70A	23.00A	23.90A	26.08A
Rated Voltage	L+N+PE 220V/230V									
Frequency	50-60 Hz									
Power Factor	>0.99									
THDi	<3%									
Self-consumption	<0.2W									
DC Current Injection	<0.25%									
EFFICIENCY										
Max MPPT efficiency						99.00%				
Max efficiency						97.80%				
FEATURES/PROTECTION										
Display type (LED/LCD)	2 * 16-character LCD Display and LED Indicators with Touch Button									
communication Port	GPRS/ WIFI / RS-485									
GFM/OT/ RCD/OOCP	INTEGRATED									
DC Rev Polarity	INTEGRATED									
Anti- Islanding	INTEGRATED									
PID feature	INTEGRATED									
DC Switch	OPTIONAL									
Surge Protection	TYPE II (AC / DC)									
AMBIENT CONDITIONS										
Protection level (IP)						IP-65				
OT-Range						- 25°C + 60°C				
Dimensions (W x H x D)	290x220x116mm					304x222x138mm				
Weight	5.4 KG					7.6 KG				
Warranty	* 10 years conditional warrenty									
CERTIFICATE										
BIS	IS 16221 (PART 2):2015/IEC 62109-2 :2011 & IS 16169 :2014/IEC 62116 :2008									