

SYS Series

2KW-4.6KW

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 Bifacial PV modules.



DC Input 200% with a higher MPPT Range with inbuilt global MPP scan for higher yield efficiency



AC/DC built-in Type II SPD (Optional) and I-V curve diagnosis supported



10s level interval of data update (Optional) and multiple interfaces for presenting data



IP 66 rated, engineered to last with maximum flexibility, making it suitable for outdoor installation

Single Phase Inverters

Model	SYS2KW	SYS2.3KW	SYS2.5KW	SYS3KW	SYS3.3KW	SYS3.6KW	SYS4KW	SYS4.2KW	SYS4.6KW
DC INPUT									
MAX DC Voltage [V]	500								
MPPT voltage range [V]	40-500								
Rated Voltage DC [V]	360								
Start-up Voltage [V]	60								
Max DC current /MPPT [A]	16								
No of MPPT	1								
No of Strings per MPPT	1								
Short Circuit Current Isc. [A]	22								
AC OUTPUT									
Nominal AC Output power [W]	2000	2300	2500	3000	3300	3600	4000	4200	4600
Rated AC Current [A]	8.7	10	10.9	13.1	14.4	15.65	17.40	18.26	21.39
Rated Voltage	220-230V -240V/ 50 Hz as Per the Indian Grid Standards								
voltage Range	160-290V Variable								
Frequency Range [Hz]	50/60;±5								
AC connectionconfiguration	P+N+E								
Power Factor	>0.99%, 0.8 leading - 0.8 lagging								
THD	<3%								
Self-consumption [W]	<0.2								
DC Current Injection	<0.25%								
EFFICIENCY									
MPPT efficiency	98.00%								
FEATURES/PROTECTIONS									
Display type(LED/LCD)	2 * 16-character LCD Display with LED Indicators								
Communication Port	GPRS/ WIFI / RS-485/USB/Ethernet								
GFM/OT/ RCD/DC Rev Pol /Anti-Islanding /OCP	INTEGRATED								
DC Switch /Anti-PID feature	OPTIONAL								
Built-in AC/ DCSPD type	TYPE III SPD (GDT)								
AMBIENT CONDITIONS									
Protection level (IP)	IP-66								
OT-Range	- 20°C + 60°C (>50°C Derating)								
Dimensions (W x H x D) mm / Weight	290×226×116 /5.4kg								
Warranty	10 Years Standard Warranty								
IEC/BIS	BIS16169, BIS16221, IEC61727, IEC62116, IEC61000-1-2-3-4, IEC 62109-1/-2, IEC61683:1999, IEC 60068-2(1,2,14,30)								