

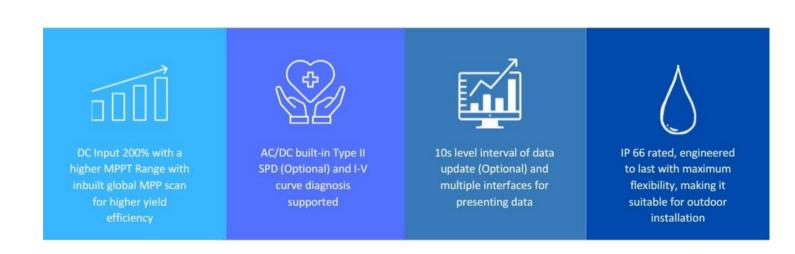
SYS Series

4.6KW-6KW

The SYS series of our company consists of singlephase inverters that infuse the best technology withan integrated streamlined case design. It is robust for residential and commercial spaces.

Best compatible with Bifacial PV modules.





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Single Phase Inverters

Model	SYS4.6KW	SYS5KW	SYS5.3KW	SYS5.5KW	SYS6KW
DC INPUT					
MAX DC Voltage [V]	600				
Start-Up Voltage [V]	120				
Rated Voltage DC [V]	360				
MPPT operating Range [V]	80-550				
Max. permissible DC current / MPPT [A]	16				
No of MPPT	2				
No of Strings per MPPT	1+1				
hort Circuit Current [A]	22				
IC OUTPUT					
Nominal AC Output power [W]	4600	5000	5300	5500	6000
Max AC Current [A]	20	21.73	23	25.46	26.1
Rated Voltage	220-230V -240V/ 50 Hz as Per the Indian Grid Standards.				
Operating voltage Range	160-290V Variable				
Operating Frequency Range	45-55Hz Variable				
AC connection configuration	P+N+E				
Power Factor	>0.99%, 0.8 leading - 0.8 lagging				
THD	<3%				
Self-consumption (Night) [W]	<0.2				
OC Current Injection	<0.25%				
FFICIENCY					
MPPT efficiency	99.00%	98.00%	99.00%	99.90%	98.00%
eatures / 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 /OOCP	INTEGRATED				
DC Switch /Anti-PID feature	OPTIONAL				
Built-in AC/ DC SPD type	TYPE III SPD (GDT)				
MBIENT CONDITIONS					
Operating Temperature Range	- 20°C + 60°C (>50°C Derating)				
Protection level (IP)	IP65				
Cooling	Self-cooling				
Dimensions (W x H x D) mm/Weight	402×476.5×148 mm / 15.5kg				
Warranty	10 Years Standard Warranty				
EC/BIS	BIS 16169, BIS16221, IEC61727, IEC62116, IEC61000-1-2-3-4, IEC 62109-1/-2, IEC61683:1999, IEC 60068-2 (1,2,14,30)				