



India's own wide range Energy Solutions

Single Phase & Three Phase ONGRID & HYBRID INVERTER



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In House
MFG. Unit



3 LEVEL
Service Support

Model									
Input Side									
Max. DC Input Power (kW)	2				3.3		3.9		
Max. DC Input Voltage (V)					550				
Start-up DC Input Voltage (V)					80				
MPPT Operating Range (V)					70~500				
Max. DC Input Current (A)									
Max. Short Circuit Current (A)									
No.of MPPT Trackers					1				
No.of Strings per MPPT Tracker					1				
Output Side									
Rated Output Power (kW)	1.5				2.5		3		
Max. Active Power (kW)	1.65				2.75		3.3		
Nominal Output Voltage / Range (V)					L/N/PE 220/230V (Optional)				
Rated Grid Frequency (Hz)					50 / 60 (Optional)				
Operating Phase					Single phase				
Rated AC Grid Output Current (A)	6.5		8.7		10.9		13		
Max. AC Output Current (A)	7.2		9.6		12		14.3		
Output Power Factor									
Grid Current THD					<3%				
DC Injection Current (mA)					<0.5%				
Grid Frequency Range									
Efficiency									
Max. Efficiency			97.3%						97.5%
Euro Efficiency			97.1%						97.3%
MPPT Efficiency					>99%				
Protection									
DC Reverse-Polarity Protection					Yes				
AC Short Circuit Protection					Yes				
AC Output Overcurrent Protection					Yes				
Output Overvoltage Protection					Yes				
Insulation Resistance Protection					Yes				
Ground Fault Monitoring					Yes				
Anti-islanding Protection					Yes				
Temperature Protection					Yes				
Integrated DC Switch									
					Yes				
Remote change of operating parameters					Yes				
General Data									
Topology					Transformerless				
Internal Consumption					<1W (Night)				
Running Temperature					-25~65°C, >45°C derating				
Ingress Protection					IP65				
Noise Emission (Typical)					<35 dB				
Cooling Concept					Natural cooling				
Max. Operating Altitude Without Derating									
Warranty									
Grid Connection Standard									
Operating Environment									
Safety EMC / Standard									