



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

Battery Type	Lead-acid or Lithium-ion	
Battery Voltage Range(V)	40-60	
Max. Charging Current(A)	70	120
Max. Discharging Current(A)	70	120
Charging Strategy for Li-ion Battery	Self-adaption to BMS	
Number of Battery Input	1	
Max. PV Input Power(W)		
Max. PV Input Voltage(V)	500	
Start-up Voltage(V)	125	
PV Input Voltage Range(V)	125-500	
MPPT Voltage Range(V)	150-425	
Full Load MPPT Voltage Range(V)	300-425	
Rated PV Input Voltage(V)	370	
Max. Operating PV Input Current(A)	18	18+18
Max. Input Short-Circuit Current(A)	27	27+27
No. of MPP Trackers/No. of Strings MPP Tracker	1/1	2/1+1
Max. Inverter Backfeed Current to The Array	0	
Rated AC Input/Output Active Power(W)	3000	5000
Max. AC Input/Output Apparent Power(VA)	3300	5500
Peak Power (off-grid)(W)	2 times of rated power, 10s	
Rated AC Input/Output Current(A)	13.7/13.1	22.8/21.8
Max. AC Input/Output Current(A)	15/14.4	25/24
Max. Continuous AC Passthrough (grid to load)(A)		
Rated Input/Output Voltage/Range(V)		
Grid Connection Form		
Rated Input/Output Grid Frequency/Range		
Power Factor Adjustment Range		
Total Current Harmonic Distortion THDi		
DC Polarity Reverse Connection Protection		
AC Output Overcurrent Protection		
AC Output Overvoltage Protection		
AC Output Short Circuit Protection		
Thermal Protection		
DC Terminal Insulation Impedance Monitoring		
Power Network Monitoring		
Island Protection Monitoring		
Earth Fault Detection		
DC Input Switch		
Overvoltage Load Drop Protection		
Residual Current (RCD) Detection		
Surge Protection Level		
Operating Temperature Range		
Permissible Ambient Humidity		
Grid Regulation		
Safety EMC/Standard		