



GRID-TIE INVERTER

Exide's ADITYA Grid-Tie solar string inverter range offers perfect solution for residential, commercial and industrial rooftop solar power distribution projects. The productions comprehend stringent quality control and testing process ensuring unmatched value addition to the user.

SALIENT FEATURES

- Robust and lightweight Aluminium housing with IP65 protection
- Inbuilt DC switch for 3 phase models with ultra-high efficiency MPPT units to ensure high yield
- Advanced Heat Management Technology for higher tolerance to temperature with no power derating upto 60°C
- User friendly LCD display along with convenient LED based status indicators
- Provision for real-time plant monitoring through dedicated Wi-Fi/GPRS based RMS
- Wide Grid Feed-in voltage range for uninterrupted service even during grid fluctuations

APPLICATIONS



Residential & Commercial Rooftop Solar Plants



Institutional and Infrastructure projects



Community Rooftop Solar Plants



Solar Parks and Industrial Rooftop Solar Plants

SPECIFICATIONS

SINGLE PHASE									
Model	ADITYA GT-1K	ADITYA GT-2K	ADITYA GT-3K	ADITYA GT-4K	ADITYA GT-5K				
Max. DC Input Power (kW)	1.2	2.4	3.6	4.8	6				
Max. DC Input Voltage (V)	550								
Start-up voltage (V)	70								
MPPT Voltage Range (V)	100-550								
Maximum Input Current per MPPT (A)	13								
No. of independent MPPT	1			2					
Rated Output Power (kW)	1	2	3	4	5				
Grid Voltage Range (V)	130 - 295								
Grid Frequency Range (Hz)	45 - 55								
Connection Phase	Single Phase (P+N+E)								
THREE PHASE									
Model	ADITYA GT3-5K	ADITYA GT3-6K	ADITYA GT3-8K	ADITYA GT3-10K	ADITYA GT3-15K	ADITYA GT3-20K	ADITYA GT3-25K	ADITYA GT3-33K	ADITYA GT3-50K
Max. DC Input Power (kW)	6	7.2	9.6	12	18	24	30	39.6	60
Max. DC Input Voltage (V)	1000					1100			
Start-up voltage (V)	250								
MPPT Voltage Range (V)	200 - 1000								
Maximum Input Current per MPPT (A)	13			26		25	30		
No. of independent MPPT	2						3	4	
Rated Output Power (kW)	5	6	8	10	15	20	25	33	50
Grid Phase Voltage Range (V)	130 - 295								
Grid Frequency Range (Hz)	45 - 55								
Connection Phase	Three Phase (3P+N+E)								