

MEET THE **NEW FACE** OF RELIABILITY

EXIDE ADITYA SOLAR GRID-TIE INVERTER

-  Upto 50% DC overloading for higher energy yield and better ROI
-  Compatible with high-output solar modules, such as 500W+ bi-facial and TOPCon modules.
-  Ultra-compact and ergonomic grip design
-  Provision for Wi-Fi/GPRS based remote plant monitoring facility



EXIDE ADITYA Solar Grid-Tie Inverter

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

SPECIFICATIONS

SINGLE PHASE				
Model	ADITYA+ GT-2K	ADITYA+ GT-3K	ADITYA+ GT-4K	ADITYA+ GT-5K
Max. DC Input Power	3kW	4.5kW	6kW	7.5kW
Max. DC Input Voltage	600V	600V	600V	600V
Start-up Voltage	50V	50V	50V	50V
MPPT Voltage Range	50V~550V	50V~550V	50V~550V	50V~550V
Max Input Current Per MPPT	20A	20A	20A	20A
MPPT Short Circuit Current	26A	26A	26A	26A
Number Of MPPT	1	1	1	1
I/P Strings Per MPPT	1	1	1	1
Rated Output Power	2kW	3kW	4kW	5kW
Rated Output Current	8.7A	13.1A	17.4A	21.7A
Grid Voltage Range	230V (+/- 20%)			
Grid Frequency Range	50Hz (+/-10%)			
Power Factor (At Rated Output Power)	>0.99			
Feed-in Phase/Connection Phase	Single Phase (P+N+E)			
DC Connector Type	MC4			
AC Connection Type	AC connector			
Communication Protocol	RS485/Wi-fi/GPRS			
Topology	Transformer-less			
Operating Temperature Range	-30° C ~ +60° C			
Cooling Method	Natural			
Max. Operational Altitude (A.S.L)	4000m			
Dimensions (L*H*W)	270 x 250 x 130 mm	270 x 250 x 130 mm	270 x 250 x 145 mm	270 x 250 x 145 mm
Net Weight	6kg	6kg	6kg	6kg



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+ GT3-30K	ADITYA+ GT3-50K
Max. DC Input Power	8kW	9.6kW	12.8kW	16kW	24kW	32kW	40kW	48kW	80kW
Max. DC Input Voltage	1100V	1100V	1100V	1100V	1100V	1100V	1100V	1100V	1100V
Start-up Voltage	160V	160V	160V	160V	160V	250V	250V	250V	250V
MPPT Voltage Range	180V ~ 1000V	180V ~ 1000V	180V ~ 1000V	180V ~ 1000V	180V ~ 1000V	200V ~ 1000V	200V ~ 1000V	200V ~ 1000V	200V ~ 1000V
Max Input Current Per MPPT	18A	18A	18A	18A	18A	32A	32A / 48A	26A	39A/26A /39A/26A
MPPT Short Circuit Current	25A	25A	25A	25A	25A	40A	40A / 60A	32A	48A/32A/48A/32A
Number Of MPPT	2	2	2	2	2	2	2	3	4
I/P Strings Per MPPT	1	1	1	1	1	2	2/3.	2/3.	3 / 2 / 3 / 2
Rated Output Power	5kW	6kW	8kW	10kW	15kW	20kW	25kW	30kW	50kW
Rated Output Current	7.2A	8.7A	11.6A	14.5A	21.7A	29A	36.2A	43.5A	72.5A
Nominal Grid Voltage	230/400V (±20%)								
Grid Frequency Range	50Hz (±10%)								
Power Factor (At Rated Output Power)	>0.99								
Feed-in Phase/Connection Phase	Three Phase (3P+N+E)								
DC Connector Type	MC4								
AC Connection Type	AC Connector					Terminal block			
DC Switch	In-built								
Communication Protocol	RS485/ Wi-Fi / GPRS								
Topology	Transformer-less								
Operating Temperature Range	-30° C ~ +60° C								
Cooling Method	Natural				Smart Cooling				
Max. Operational Altitude (A.S.L)	4000m								
Dimensions (L*H*W)	481 x 395 x 195 mm					534 x 440 x 220 mm		600 x 430 x 230 mm	650 x 450 x 260 mm
Net Weight	12kg		13.5kg			24kg		30kg	

This document is issued to provide outline information only and is not deemed to form part of an offer or contract. Our policy is one of continued improvement and we reserve the right to change details without prior notice.

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