

# GLORY ASHGT3P InfiniSolar V2



- Pure sine wave output
- Self-consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- User-adjustable charging current and voltage
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Monitoring software for real-time status display and control
- 3 MPPT Inputs up to 180A solar charging current at 48Vdc battery voltage

## GLORY ASHGT3P InfiniSolar V2 3Phase Transformer Type Hybrid Grid-Tie Solar Inverter Specification

MODEL	GLORY ASHGT3P InfiniSolar V2 6000	GLORY ASHGT3P InfiniSolar V2 9000	GLORY ASHGT3P InfiniSolar V2 15000
<b>PHASE</b>	-3phase in / -3phase out		
Max. PV Array Power	9000W	12000W	15000W
Rated Output Power	6000W	9000W	15000W
Maximum PV Array Open Circuit Voltage	450 VDC	450 VDC	450 VDC
MPPT Range @ Operating Voltage	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC
MPP Tracker Number	3	3	3
<b>GRID-TIE OPERATION</b>			
<b>GRID OUTPUT (AC)</b>			
Nominal Output Voltage	240/230/220 VAC (P-N) / 415/400/380 VAC (P-P)		
Output Voltage Range	253 - 195.5 VAC per phase @ India Regulation 264.5 - 184 VAC per phase @ German Regulation		
Nominal Output Current	8.7 A per phase	13 A per phase	21.7 A per phase
Power Factor	> 0.99		
<b>EFFICIENCY</b>			
Maximum Conversion Efficiency (DC/AC)	%95	%95	%95
<b>OFF-GRID, HYBRID OPERATION</b>			
<b>GRID INPUT</b>			
AC Start-up Voltage / Auto Restart Voltage	140 - 120 VAC / 180 VAC per phase		
Acceptable Input Voltage Range	280 - 90 VAC or 280 - 170 VAC per phase		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
Maximum AC Input Current	20 A per phase	30 A per phase	30 A per phase
<b>BATTERY MODE OUTPUT (AC)</b>			
Nominal Output Voltage	240/230/220 VAC per phase		
Output Waveform	Pure sine wave		
Efficiency (DC to AC)	%93		
<b>BATTERY &amp; CHARGER</b>			
Nominal DC Voltage	48 VDC		
Maximum Solar Charge Current	180 A		
Maximum AC Charge Current	180 A		
Maximum Charge Current	180 A		
<b>GENERAL</b>			
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	588 x 260 x 655		
Net Weight (kgs)	36	38	40
<b>INTERFACE</b>			
Communication Ports	USB, RS232- and dry contact		
<b>ENVIRONMENT</b>			
Humidity	%90 ~ 0 RH (Non-condensing)		
Operating Temperature	0 to °50C		

Product specifications are subject to change without further notice.