

AEG

Dual OutPut Solar Inverter 8KW/11KW

- Feed-in to the Grid Function
- Parallel Operation (Upto 6 Units)
- Status Indication with RGB Lights
- Feed-in to the Grid Function
- Built-in Wifi for Mobile Monitoring
- Supports USB On-The-Go Function (Data Upload/Download)



USB:
ON-THE-GO



- Reserved Communication Port (RS485-CAN-BUS or RS-232) for BMS
- Battery Equalization (Improves Battery Performance and Lifespan)
- Battery Independency (Works With/Without Batteries)
- Replaceable Fan Design

AEG



MODEL	AEG-INV8000WGP	AEG-INV11000WGP
Rated Power	8000VA/ 8000W	11000VA/ 11000W
Parallel Capability	Up to 6 Units	
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers)	
	90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
GRID OUTPUT V (AC)		
Nominal Output Voltage	230 VAC	230 VAC
Output Voltage Range	184-264.5 VAC	184-264.5 VAC
Nominal Output Current	34.8A	47.8A
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC \pm 10%	
Surge Power	16000VA	22000VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers)	
	20 ms (For Home Appliances)	
Waveform	Pure sine wave	
Optional DC Voltage	12VDC, 100W	N/A
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	66 VDC	63 VDC
CHARGING PARAMETERS		
Solar Charger type	MPPT	
Maximum PV Array Power	8000W (4000W x 2)	11000W (5500W x 2)
MPPT Operating Voltage Range	90 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Input Current	27A x 2 (Max. 40A)	
Maximum Solar Charge Current	120A	150A
Maximum AC Charge Current	120A	150A
Maximum Charge Current	120A	150A
MECHANICAL PARAMETERS		
Dimension, D X W X H (mm)	147.4 x 432.5 x 553.6	
Net Weight (kgs)	18.4	
Communication Interface	USB/RS232/RS485/WIFI/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C	-10°C to 50°C
Storage Temperature	-15°C to 60°C	-15°C to 60°C