

# AEG

## Dual OutPut Solar INVERTER 4 KW/6 KW/8 KW

- Dual Output Allowing Smart Load Management
- Wide PV Range (60 VDC --> 450 VDC)
- Detachabale LCD Module (up to 20m)
- Built-in Wi-fi for Mobile Monitoring
- Supports USB On-The-Go Function (Data Upload/ Download)
- Dry Contact to Turn on Generator Automatically.



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- Reserved Communication Port (RS 485 - CAN - BUS or RS - 232) for BMS
- Battery Equalization (Improves Battery Performance and Lifespan)
- Battery Independancy ( Works With/Without Batteries)
- Replaceable Fan Design



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MODEL	AEGSOLINV-4000W	AEGSOLINV-6000W
Rated Power	4000VA/4000W	6000VA/6000W
<b>INPUT</b>		
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)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 10%	
Surge Power	8000VA	12000VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
<b>BATTERY</b>		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
<b>CHARGING PARAMETERS</b>		
Solar Charger type	MPPT	
Maximum PV Array Power	5000W	6000W
MPPT Operating Voltage Range	60 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Input Current	27A	
Maximum Solar Charge Current	120A	
Maximum AC Charge Current	100A	
Maximum Charge Current	120A	
<b>MECHANICAL PARAMETERS</b>		
Dimension, D X W X H (mm)	115 x 300 x 435	
Net Weight (kgs)	9	10
Communication Interface	USB/RS232/RS485/Wi-Fi/Dry-contact	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	