

PHOENIXTEC Indoor Grid PV Inverters

❖❖ 1500W 2000W 2800W 4000W

AETES
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Features:

- Transformerless Design
- 95~96% conversion efficiency
- Plug & Play
- Compact Design
- Fanless
- ENS meet VDE 0126 (German standard)
- Powerful Communication Interfaces
- 1-Line, 16 Char. LCD Display
- Easy operation
- With Internal GFCI
- Work with pro-control software

Specification:

MODEL	1500	2000	2800	4000
DC INPUT				
Nominal DC voltage	360 VDC	360 VDC	360 VDC	360 VDC
Max. DC voltage	450 VDC	450 VDC	500 VDC	450 VDC
MPPT Range	150~450 VDC	150~450 VDC	150~450 VDC	150~450 VDC
Working Range	100~450 VDC	100~450 VDC	100~500 VDC	100~450 VDC
Max. DC power	1760W	2320W	3180W	4630W
Max. Input current	8,9 ADC	10 ADC	13 ADC	20 ADC
MPP Tracker	1	1	1	1
AC OUTPUT				
Output Power	1500W	2000W	2800W	4000W
Max. Power	1650W	2200W	3000W	4400W
Operating Voltage	196~253 VAC	196~253 VAC	196~253 VAC	196~253 VAC
Operating Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Current THD	< 3%	< 3%	< 3%	< 3%
Power Factor	~1	~1	~1	~1
SYSTEM				
Max. Efficiency	> 95%	> 96%	> 96%	> 96%
Euro Efficiency	> 93%	> 94%	> 94%	> 94%
Protection Degree	IP43	IP43	IP43	IP43
Operating Temp.	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C
Humidity	0~95%, non-condensing	0~95%, non-condensing	0~95%, non-condensing	0~95%, non-condensing
Stand-by Power	~7W	~7W	~7W	~7W
Acoustic Noise level	< 35 dBA	< 35 dBA	< 35 dBA	< 35 dBA
Comm. Interfaces	Standard RS232, Optional RS485			
Display	LCD / 1 Line, 16 Char.			
MECHANICAL DATA				
W x D x H (mm)	315x269x120	350x302x120	350x302x135	424x366x120
Weight (kg)	9.2kg	11.4kg	12.5kg	16.4kg

※ The product's specifications are subject to change without notice.

Efficiency Graph

