

PHOENIXTEC 4000UL

❖❖ The best outdoor inverter in smallest weight and size for your easy operation



Features:

- Integrated DC switch & AC breaker
- Active Islanding detection: Active Frequency Shifting
- High MPPT efficiency (>99.5%)
- High CEC conversion efficiency (>95.5%)
- Comply with UL1741 (2005), IEEE1547 (2003), IEEE1547.1 (2005)
- Easy replacement. The mean time of service is less 30 minutes
- Firmware updating capability: The firmware inside the micro-controllers can be updated by optional communication interface
- DC GFDI (Ground Fault Detector/Interrupter)
- Outdoors type, NEMA 250, type 3R
- Transformerless design

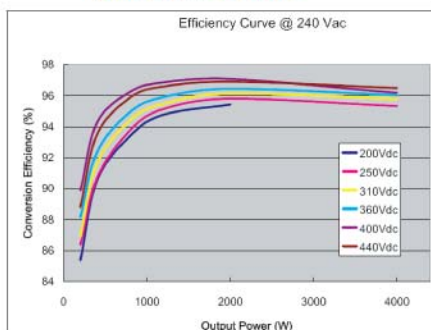
Specification:

MODEL	4000UL (Preliminary)	
DC INPUT		
Max. DC voltage	450V	
Working Range	100~450V	
MPPT Range	250~405V	
Max. Input current	19A	
AC OUTPUT		
Nominal AC Output	4,000W	
Max. AC Power	4,400W	
Nominal AC voltage	183~229V @208V(default)	211~264V @240V
Nominal AC frequency	60Hz	
Output THD	< 3%	
Output PF	> 0.99	
Max. Efficiency	> 96%	
CEC Efficiency	≥ 95.5%	
Communication	RS 232, RS 485 (Optional)	
Environmental		
Operating Temp.	-20~ +55 C	
Enclosure Rating	NEMA 3R	
Acoustic Noise level	<45 dBA	
Cooling	Controlled forced ventilation	
Mechanical		
Dimension (mm)	390x367x155	
Weight (kg)	16	
Compliance		
Safety	UL 1741	
Performance	CEC	
Anti-Islanding	IEEE1547, IEEE1547.1	
Utility Interconnection	IEEE1547	
EMI	FCC Part 15 A & Class B	

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

EFFICIENCY CURVES

Efficiency Curve @ 240Vac



Efficiency Curve @ 208Vac

