

# EHE-N1K5 EHE-N1K5-UK

PV Grid-connected Inverter

## Product Features

- Highly efficient and stable components from internationally recognised brands
- Efficient thermal system design reduces risk of overheating, increasing lifespan
- Advanced MPPT (Maximum Power Point Tracking) algorithms – MPPT efficiency >99.9%
- High performance index with wide power range
- Anti-islanding technology
- Advanced, highly reliable system protection
- Built-in isolated transformer, suitable for varied PV applications
- LCD display with wide range of features and language options
- Easy to install, operate and maintain
- Passed multiple stringent performance tests
- Suitable for indoor and outdoor installations

## Technical Parameters

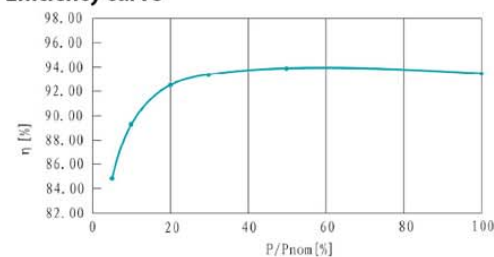
	EHE-N1K5	EHE-N1K5-UK
PV side	Max. PV power	1.65kWp
	Max. permitted DC Voltage	450V
	Input short-circuit current	10.3
	Max. permitted DC current	8.2A
	String number	1
	MPPT range	200V-400V
	MPPT efficiency	99.90%
Grid side	Rated output power	1.5kW
	Max. output current	6.9A
	Power factor	≥0.99
	Max. efficiency	93.5%
	European efficiency	92.3%
	Permitted grid voltage range	180~260VAC
	Permitted grid frequency range	47.5~51.5Hz
	THD of grid current	<3%
	Standby power consumption	10W
	Nighttime power consumption	0W
	Communication interface	RS485/GPRS (optional) /Ethernet (optional)
	Man-machine interface	LCD
Environmental conditions and safety	Protection level	IP65
	Cooling	natural cooling
	Operating temperature range	-25~+60°C
	Relative humidity range	0-98% (non condensing)
	Noise emissions	<45dB @ 1m
	Isolated-method	low frequency transformer
Meet the standards	EN 50178; DIN EN 62109-1; prIEC 62109-2; VDE 0126-1-1; EN61000-6-1:2007; EN61000-6-3:2007; CGC/GF 001:2009	IEC 62103; EN 50178; IEC/EN 62109-1; IEC/EN 62109-2; IEC/EN61000-6-1:2007; IEC/EN61000-6-3:2007; IEC/EN61000-3-3:2007; G83/1-1/06.08
Mechanical	Dimensions (W × H × D)	438 × 362 × 250 (mm)
	Weight	35Kg



• BUILT  
• SUPPLY  
• TYPE  
• APPROVED

CE G83

## Efficiency curve



## Electrical drawing

