



Key Statistics

- Ultra-wide input voltage range
- Very quick response to voltage changes
- Uses advanced Pulse Width Modulation inverter technology
- High efficiency – Up to 96%
- Reliable automatic operation - requires no user intervention
- LCD display showing key parameters and energy production levels
- Maximise your output and minimise your payback

Evoco PV Inverter Range

With tens of thousands of units in operation worldwide the Evoco PV inverter range is tried and tested technology that's proven to deliver in the field.

Working in partnership with Ginlong, Evoco have developed the Evo range of solar models which lead the way in innovative inverter technology. With true 'plug and play' functionality you simply connect into your PV system and let the advanced MPPT tracking take care of the rest: our inverters are designed to consistently extract the best from any solar array and automatically adapt their settings to the current conditions.

A further development from Evoco's range of wind inverters, the Evo solar range inherit the wind products' rigorous standards and rapid adaptability to varying input voltages, helping cope with sudden changes due to cloud cover etc without any lock-out period.

Our inverters have a class-leading input voltage range and are designed to withstand overvoltage situations with ease. Advanced design also means the inverters are relatively light-weight, making installation a breeze.

Built to last and with an extremely high efficiency, Evoco Evo inverters are ideal for use in a wide range of PV configurations.

Technical Specification

Input	EVO2000	EVO3500	EVO5000
Max DC Voltage	600V	600V	600V
MPPT Voltage Range	100-500V	200-500V	100-500V
Max DC Current	9A	18A	25V
Max No. Strings	1	3	4
Connection Type	MC4	MC4	MC4
Output			
Nominal AC Power	2kW	3.5kW	5kW
Transient Max Power	2.2kW	3.8kW	5.5kW
Rated Output Current	8.7A	15.2A	21.7A
Total Harmonic Distortion	<4%	<4%	<4%
Nominal AC Voltage	190-260VAC	190-260VAC	190-260VAC
Nominal AC Frequency	50/60Hz	50/60Hz	50/60Hz
Power Factor	>0.99	>0.99	>0.99
Operation			
Efficiency	>94%	>95%	>96%
Grid Interference	EN61000-3-2	EN61000-3-2	EN61000-3-2
Safety	Short Circuit Protection, Anti-Islanding Protection, Overload Protection, Over-Temp Protection		
Approvals	UL 1741, IEEE929, G83/1, G59, AS4777		
Enclosure	IP65	IP65	IP65
Ambient Temperature	-25 to +60°C	-25 to +60°C	-25 to +60°C
Width / Height / Depth	520 x 385 x 118mm	520x385x273mm	520 x 385 x 273mm
Weight	12kg	45kg	24kg
Isolation Type	Transformerless	LF Transformer	Transformerless



St Pegs Mill,
Thornhill Beck Lane
Brighouse, West Yorkshire
HD6 4AH, United Kingdom

t: +44 (0)1484 475 800
f: +44 (0)1484 475 802

info@evocoenergy.com
www.evocoenergy.com