Omega Single Phase String-type Inverter series is the ideal solution for roof-top solar system solution. With the characteristics of high efficiency and reliability, compact design and easy installation, it is applicable to distribute power generation system.

Features
- Transformer-less design and Compact in Size
- Aluminum housing with IP65 industrial protection.
- Over 25 years of life time
- MPP efficiency > 99%
- Maximum efficiency > 97%
- Mimic LCD display
- Optional Monitoring Software provided offers operational status and electricity generated data.

Omega KSG 1.5-6K Series
KSG-1.5K | KSG-2K | KSG-3K | KSG-4K
KSG-4.2K | KSG-5K | KSG-6K

www.kstarnewenergy.com
IP65 Protection with Aluminium Housing

With highest industrial IP65 dust/water-proof protection, the Omega KSG string inverter series is for both indoor and outdoor applications.

The Omega KSG String inverter series can work in parallel by simply connecting via RS485 ports.

Omega KSG 1.5-6K Series
KSG-1.5K | KSG-2K | KSG-3K | KSG-4K | KSG-5K | KSG-6K

Mimic LCD display

The LCD display provides user-friendly menu control and delivers messages to manage, configure, control and diagnose the inverter directly. The above statuses may be presented easily on the screen, such as System information, parameters in Normal Mode, Standby Mode and Fault Mode.
With optional Monitoring Software connecting via RS232/RS485 communication port, all operational status and electricity generated data can be monitored and stored in the computer.

A  Connectors for DC inputs
B  RS232 Communication Interface
C  RS485 Communication Interface
D  Connectors for AC Output

The Omega KSG string inverter series is a special type of inverter that converts direct current (solar) electricity into alternating current (AC) electricity and feeds it into an existing electrical grid.

The Omega KSG string inverter series is a grid tie inverter, which is designed for residential and commercial applications.

If you're looking for a way to save money on your power bill, increase the value of your home or office, and reduce your carbon footprint without losing the security of the public power grid, then Omega KSG string inverter series is the ideal choice for you.
# Omega KSG Series Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>K90-1.5K</th>
<th>K90-3K</th>
<th>K90-3K</th>
<th>K90-4K</th>
<th>K90-4K</th>
<th>K90-5K</th>
<th>K90-8K</th>
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<td><strong>DC Input</strong></td>
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<td>1500W</td>
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<td>3650W</td>
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<td>11.0A</td>
<td>16.5A</td>
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<td>Rated Output Current (rms)</td>
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Specifications subject to change without prior notice.

*K90-3KW tested by Photon is based on MPPT range 190-440Vdc to aim euro/CEC efficiency at 96.1% and 96.6% respectively.*

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**KSTAR**

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