



We are dedicated to developing green energy products, enhancing power conversion efficiency, optimizing energy saving effects, and implementing green products and green supply chain management.

## Green Design

MEAN WELL has been dedicated to the development of standard power supplies for over 40 years. In response to environmental protection and energy efficiency issues, MEAN WELL has invested great effort by incorporating green product design concepts from the early stages of product planning. During the design phase, circuit improvements are made to optimize key energy-saving parameters such as conversion efficiency, power factor, and total harmonic distortion. At the same time, to reduce power conversion losses and enhance power conversion efficiency and power density, MEAN WELL aims to achieve optimal energy-saving performance—realizing the principles of green products and green supply chain management.

Green Design Features	Impact on the Environment and Society
Light, thin, short, small	High efficiency, high power density and miniaturized design, while reducing the demand for metal materials, iron powder cores and packaging materials, reducing environmental pollution and energy consumption.
High reliability	High-reliability design to prolong the service life of products, MEAN WELL products provide at least a 5-year warranty period, reducing the speed of obsolescence and replacement.
Aging test energy recovery system	Import self-developed energy recovery system to recover the power of the aging test of the production line, reduce the production cost of products, reduce unnecessary power waste, and achieve the purpose of energy saving and carbon reduction.
Green design and supply chain	Product design and process materials are in compliance with the latest EU RoHS and REACH regulations, and are committed to preventing pollution to the ecological environment and achieving the goal of sustainable development.

### 3.1.2 Product strategy

<b>【4S, 3 High】 Accelerated Transformation Strategy</b>	4S: System, Software, Solution, Service High cost performance, high added value, high output value benefits
<b>【3+N】 Future Development Strategy</b>	3 refers to modular power supplies, rack-mount power supplies, cabinet system power supplies and other products N is combined with digital intelligent controller or more than 10,000 standard power supply models
<b>【Green Energy and Automation】 Integrated Control Strategy</b>	Develop green energy products and system applications, and promote microgrid management systems In the field of automation, use the group's automated production lines as a demonstration to promote automation technologies and solutions

## key results

Energy-Recycling Type Energy-Saving Burn-In System		Energy recovery equipment is developed with energy saving as the primary purpose. The quality inspection link during the production of power supply products has been greatly improved, and the large amount of electricity consumed in the burn-in verification has been fed back to the mains power grid to achieve energy saving.
NFC Smart High-Efficiency Charger		ENFC Smart High-Efficiency Charger with the rise of electric vehicles, charging equipment has become increasingly important. MEAN WELL has introduced Near Field Communication (NFC) technology to make parameter adjustments more convenient. Smart chargers improve charging efficiency and reduce energy waste.
Off-Grid Sine Wave Inverter with Built-in Charging Function		Off-Grid Sine Wave Inverter with Built-in Charging Function a multi-functional all-in-one unit (AC-DC charger + DC-AC inverter + AC bypass power supply) that enables end-system designers to quickly build a compact energy storage uninterruptible power system, expanding MEAN WELL's product application scope.
Ultra-High Wattage Industrial-Grade Standard Three-Phase Power Supply		Ultra-High Wattage Industrial-Grade Standard Three-Phase Power Supply The world's highest wattage single-unit high-power AC/DC standard power supply. Designed with green concepts, it features a power density of up to 26W/in <sup>3</sup> and ultra-high efficiency of 97%, suitable for various new energy and advanced industrial applications.
Universal Charger for Global Use		Universal Charger for Global Use designed with high-efficiency GaN (Gallium Nitride) technology, it features 4-port independent fast charging, compatibility with multiple electronic devices, and globally adaptable connector options. Its portability and eco-friendly design help reduce e-waste pollution.
High voltage input rail type DC-DC power supply		High Voltage DC-DC Power Supply for Renewable Energy Applications As solar, wind, and other green energy for Renewable Energy Applications due to global carbon reduction efforts, high-voltage DC-DC power supplies simplify and enhance the efficiency of energy control systems, suitable for photovoltaic, energy storage, and EV charging station systems.
Smart Dimming LED Lighting Driver		NFC-Configurable Dimming Power Supply with Smart Control Interfaces Allows users to configure output current settings via NFC sensing and supports various wired and wireless smart dimming interfaces. It enables dimming as low as 0.1%, making it ideal for integration with lighting systems requiring high luminous efficiency.