

## ■ Features

- Ultra-wide input voltage range:162V to 290Vac
- Automatic adjustment of mains power voltage boosting, bucking and stable voltage output
- Automatic restart upon mains power recovery
- Simulated sine wave output
- Charging function in power-off mode
- Touch LCD screen
- Built-in battery
- USB communication interfaces
- 3-year warranty(Battery one-year warranty )

## ■ Applications

- Security System
- Communication System
- Industrial Control System
- Enterprises and Public Institutions

## ■ Global Trade Item Identifier

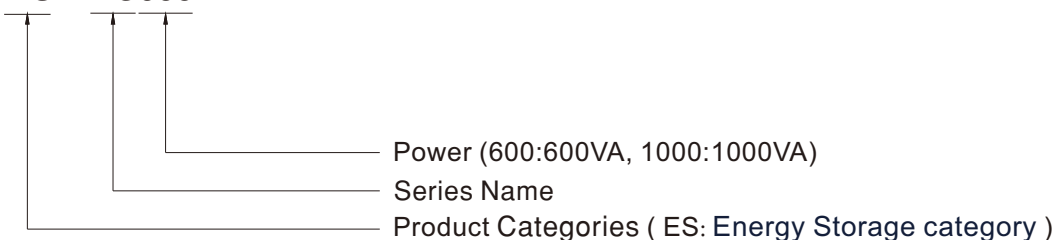
- MW Search: <http://www.meanwell.com.cn/serviceGTIN.aspx>

## ■ Description

The ES-AU Series UPS is equipped with an intelligent CPU control system, which can accurately detect and quickly respond to various power anomalies such as power outages, overvoltage, undervoltage, surges and spikes. Its proprietary surge protection sockets provide an extra layer of safety for your critical peripherals.Boasting wide-range voltage input capability, the product can easily cope with complex power environments. It also integrates auto-start and automatic voltage regulation functions. Combined with an intuitive touch LCD screen and a USB communication interface, the device ensures simple operation, ease of use and high reliability.

## ■ Drive Model Encoding

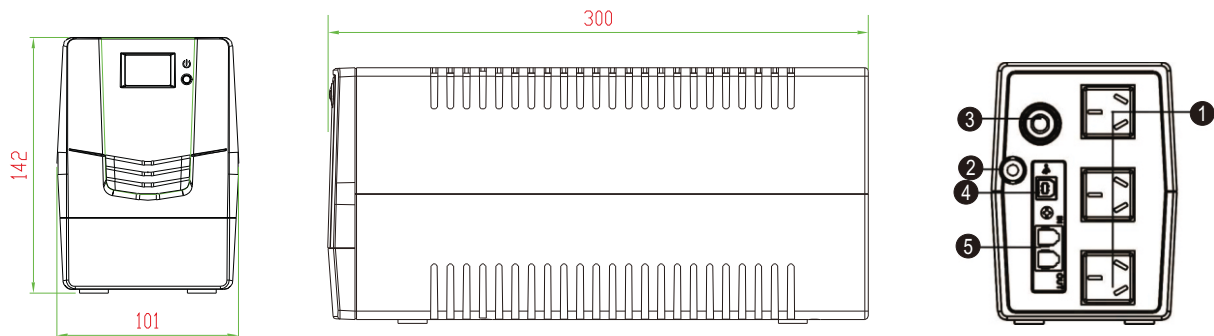
ES - AU600





Specification	ES-AU600	ES-AU1000
<b>INPUT</b>		
Voltage	220Vac	
Voltage Range	162~290Vac	
Frequency	50/60Hz(Automatic Detection)	
<b>BATTERY</b>		
Number	1	
Battery Type	12V/7Ah*1pcs	12V/9Ah*1pcs
Charing Time	4-6h charge to 90%	
<b>OUTPUT</b>		
Power	600VA/360W	1000VA/600W
Voltage	220Vac	
AC Voltage Regulation (Battery Mode)	±10%	
Frequency Range (Battery Mode)	50/60±1Hz	
Transfer Time (Battery Mode)	2-6ms(Normal)	
Waveform (Battery Mode)	Simulated Sine Wave	
Protect	Overload/Overcharge/Over-discharge Protection	
<b>OTHER</b>		
Phase	Single-phase Grounding	
Display	LCD	
Communication interface	USB	
Operating temperature	0~40°C	
Humidity	0-90% relative humidity	
Elevation	1000m	
Struture	Tower	
Weight	4.2kg	5kg
Size	300*101*142mm	
Noise	<40dB	
<b>Note</b>		
1. All specifications measured at rated load and 25°C ambient temperature. 2. if the UPS is installed or used in a place where the altitude is above than 1000m. the outout power must be derated one percent per 100m. ※ Product Disclaimer: For details, please refer to: <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a>		

## Mechanism Dimension



- 1: Output Socket
- 2: AC input
- 3: Power Protection Circuit Breaker / Fuse
- 4: USB Communication Port
- 5: Telephone/Network Surge Protection (RJ11)

## Digital Display Screen

### Operation Display

UPS status	LCD	Description
UPS start		When the unit is turned on, it will enter this mode for 4 seconds.
Standby Mode		Only the input voltage is displayed in this mode, even if the screen is touched multiple times.
AC Mode	 When the voltage regulator is in operation, the icon flashes once per second.	The touch screen shows unit information in the following sequence: 1. Output Voltage 2. Input Voltage 3. Load Ratio 4. Battery Capacity
Overload in AC Mode	 The icon will flash.	The alarm tone sounds once every 0.5 seconds when an overload occurs.
Battery Mode	 When the battery is low, the icon will flash.	The alarm tone sounds once every 10 seconds; the touch screen shows unit info in the following sequence: 1. Output Voltage 2. Input Voltage 3. Load Ratio 4. Battery Capacity
Overload in Battery Mode	 The icon will flash.	The alarm tone sounds once every 0.5 seconds when an overload occurs.

Note: Touch the screen to turn on the backlight when it turns off.

### Error Code Table

Error Status	LCD Display	Solution
Output Short Circuit		Remove the short-circuited load and restart the UPS.
Overload Error		Disconnect all output load devices and restart the UPS.
Overcharge		Notify the service personnel immediately.
Battery Fault or Severe Deep Discharge		Replace the battery immediately.
High Voltage Output Error		Notify the service personnel immediately.
Over Temperature Protection		Reduce the load capacity or disconnect the load devices and restart the UPS.

When an error alarm tone occurs, notify the service personnel immediately.