

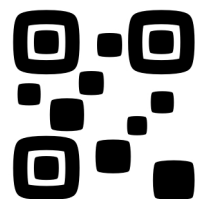


OWH67E Series

Programmable DC Power Supply Series

Features

- 1/2 2U chassis with rear outputs for rack integration.
- Wide-range AC input and 1,000 W constant-power output, with 60 A/120 A models ideal for low-voltage, high-current testing.
- 10 mV/1 mA setting and readback resolution.
- 100-step LIST programming with PC control.
- CV/CC priority switching for different load requirements.
- Built-in discharge circuit removes residual voltage after shutdown for safer operation.
- Built-in SAS model supports EN 50530 and Sandia PV curves for MPPT efficiency testing.
- Digital control with OVP, OCP, OPP, OTP, and other protections.
- Standard RS232/RS485 interfaces support the Modbus protocol and SCPI commands for remote control and automated testing.
- 3.9-inch TFT color LCD with output curves and 1-minute data logging.



○ Specifications

Specifications are guaranteed after a 30-minute warm-up at the specified temperature.

Model		OWH67E010-150	OWH67E010-60
AC Input (Voltage/Frequency)		100-240Vac; 50-60Hz	
Rated Output (0 °C to 40 °C)	Voltage	0-150V	0-60V
	OVP	155V	65V
	Current	0-60A	0-120A
Maximum Output Power		1000W	
Load Regulation*	Voltage	≤30mV	≤30mV
	Current	≤30mA	≤30mA
Line Regulation	Voltage	≤20mV	≤20mV
	Current	≤20mA	≤20mA
Settings Resolution		10mV/1mA	
Readback Resolution		10mV/1mA	
Settings Accuracy (% of output + offset)	Voltage	≤0.1%+0.1%FS	≤0.1%+0.1%FS
	Current	≤0.1%+0.1%FS	≤0.1%+0.1%FS
Readback Accuracy (% of output + offset)	Voltage	≤0.1%+0.1%FS	≤0.1%+0.1%FS
	Current	≤0.1%+0.1%FS	≤0.1%+0.1%FS
Ripple & Noise (20 Hz to 20 MHz)	Voltage	≤150mVp-p	≤150mVp-p
	Current(rms)	≤60mA	≤120mA
Output Temperature Coefficient (0°C-40°C)		100 ppm/°C (Voltage); 200 ppm/°C (Current)	
Readback Temperature Coefficient		100 ppm/°C (Voltage); 200 ppm/°C (Current)	
Recovery Time (10% to 90% Load)		≤5.0ms	
Display		3.9-inch TFT Color LCD	
Interface		RS232, RS485, and CAN Parallel Operation	
Dimensions (W × H × D, mm)		214*88*374	
Weight (kg)		Approx. 6.3 kg	

*: Voltage load regulation is measured at the remote sense terminals.

Specifications subject to change without prior notice.

○ Ordering Information

Ordering Information	Order No.
Main Unit	
0-150V, 0-60A, 1000W, 1CH	OWH67E010-150
0-60V, 0-120A, 1000W, 1CH	OWH67E010-60
Standard Accessories	
Quick Guide	_____
Power Cord (Local Standard)	_____
RS485/CAN Communication Terminal Block	7Term-3
Remote Sense Terminal Block	7Term-4
Optional Accessories	
40A Test Leads	7T2T40
80A Test Leads	7T2T80
120A Test Leads	7T2T120
L-Shaped Mounting Bracket	7L-B

Warranty

1-year main-unit warranty; accessories excluded.



Fujian Lilliput Optoelectronics Technology Co., Ltd.

No. 19, Heming Road, Lantian Industrial Zone Zhangzhou 363005 P.R. China

Tel : +86.596.213.0430

E-mail: info@owon.com.cn

www.owon.com