



*Your Reliable Power Partner*



**High Performance & Slim Design**

# **Sign Panel Power Supply**

*150W~500W AC/DC LED Display Switching Power Supplies*



# Company Profile

Established in 1982, MEAN WELL is a leading standard switching power supply manufacturers in the world. MEAN WELL currently operates under five financially independent but cooperating companies in Taiwan, China, USA and Europe and three factories in Taiwan, GuangZhou and SuZhou. The product lines include AC/DC switching power supplies, DC/DC converters, waterproof LED power supplies, adaptors, DC/AC inverters and battery chargers. We have over 9,000 standard models widely used in medical, automation, communication, LED lighting, moving sign, and office automation fields.

With more than 30 years of experience, our products have been widely applied to LED moving sign panel due to its high reliability and the best C/P value, and have received outstanding customers' feedback and market shares. These years, MEAN WELL dedicates to the development of green energy-saving products.

MEAN WELL USA



MEAN WELL EUROPE





With our talented R&D team' s efforts, the new generation 150~500W LED display power solution have successfully launched into markets. The ultra-low profile design that allows the height and weight of the sign module to be lowered greatly simplifies the delivery and installation process. Accounting for high efficiency and energy saving, the whole series effectively achieves electricity reduction. Various models with single output or dual outputs are provided for selection, and comply with the international regulation such as UL, CUL, TUV, CCC, CB and CE. MEAN WELL LED display power solution is suitable for indoor/outdoor LED electronic signage, moving sign, small pixel pitch LED display, LED channel letter, LED TV wall and others.

With more than 30 years of experience in R&D and production of standard power supplies, MEAN WELL has ten product category covering 9,000 models, to provide "One Stop Shopping" power solutions. Every product in the MEAN WELL range is the result of rigid procedures governing design, design verification test (DVT), design quality test (DQT), component selection, pilot-run production, and mass production. With more than 200 distributors globally, the MEAN WELL products are distributed to over 70 countries worldwide. The small size orders can expect delivery within 24 hours without MOQ requirement. If you are looking for switching power supply with high reliability, good quality, reasonable price and full series products which can satisfy your various demands, MEAN WELL, a total solution provider, is definitely your first choice!

MEAN WELL SUZHOU



MEAN WELL TAIWAN



TIANHE R&D CENTER



MEAN WELL GUANGZHOU INDUSTRIAL PARK



# Reliable Quality

The brand name "MEAN WELL" is defined as "have good intentions". We strongly believe that the product quality is the life of power supply manufacturer. "To become the reliable power partner" has been the motivation for MEAN WELL to grow continuously.

In 1994, MEAN WELL acquired the ISO9001 certification and began to implement the total quality management (TQM) system, which are audited by TUV annually to continuous review and improvement. In April 2013, MEAN WELL acquired the ISO14000 certification and obtained the OHSAS18001 system (ESH, environmental safety and health) in 2015, to take the concept of environmental protection into action, and expect to create a safe and healthy life.



OHSAS18001



ISO9001



ISO14000

MEAN WELL LED display power supply products comply with UL / CUL / CCC / TUV / CB / CE / CQC certificates, including UL60950-1, TUV EN60950-1, IEC 60950-1, EN55011, EN55032, GB4943.







MEAN WELL has a complete quality management system. To ensure product quality, 100% burn-in test, function test and pressure test have been applied in manufacturing process, while the MIL-105E sampling method used in IQC, PCBQC (semi-finished products testing) and FQC phases. In the R&D stage, MEAN WELL quality engineers customize the "Test Plan" for each product, to complete the verifications of DFMEA, DVT/DQT, ORT, EMC, drop test, vibration test, thermal shock test, and reliability test.

In production stage, the product engineers co-work with process engineers to review the pilot run, semi-finished products quality control, process checking, finished product quality control, and the feedback analysis as well as the production problems occurred.



# Selection Guide

Family		PFC		Input Range	Output		Fan		Remote ON/OFF		Remote Sense	Effi.	Dimension (Lx Wx H)	Moistureproof		Warranty (yrs)	Page
Series	Model No.	Yes	No		Single	Dual	Yes	No	Yes	No				Yes	No		
UHP	UHP-200A	●		90~264VAC	●			●		●		88.5%	167X55X26mm	semi-potted		3	6
	UHP-200	●			●			●		●		94%	194x55x26mm				
	UHP-350	●		90~264VAC	●			●		●		95%	220x62x31mm				
	UHP-500	●			●			●		●		95%	233x81x31mm				
HSP	HSP-150	●		90~264VAC	●			●		●	●	90%	220x62x32mm	●		3	7
	HSP-200	●			●			●		●		88%	210x62x31mm	●			
	HSP-300	●		180~264VAC or 90~135VAC	●			●		●		87%	210x81x31mm	●			
RSP	RSP-150	●		90~264VAC	●			●	●			87%	199x99x30mm	option		3	8
	RSP-200	●				●			●		85.5%	215x115x30mm					
	RSP-320	●				●		●		●		83%					
	RSP-500	●				●		●		●		84%	230x127x40.5mm				
LRS	LRS-150		●	115VAC/230VAC (selected by switch )	●			●		●		90%	159x97x30mm	option		3	9
	LRS-150F		●	85~264VAC	●			●		●		90%					
	LRS-200		●	115VAC/230VAC (selected by switch )	●			●		●		87%		option	3		
	LRS-350		●		●			●		●		83.5%	215x115x30mm				
	LRS-200E		●	180~264VAC	●			●		●		80%		option	1		
	LRS-300E		●		●			●		●							
LHP	LHP-200	●		90~264VAC	●			●		●		90%	220x50x26mm		●	3	10
HDP	HDP-190	●		90~264VAC		●		●		●		86%	215x115x36mm	●		3	10
	HDP-240	●				●	●			●		84%		●			
HSN	HSN-200		●	180~264VAC or 90~135VAC	●			●		●		88%	210x62x31mm	●		2	11
	HSN-300		●		●			●		●		86%	210x81x31mm	●			
NEL	NEL-400		●	180~264VAC	●		●			●		84%	215x115x30mm	●		2	11
ERP	ERP-350		●	180~264VAC	●			●		●		90%	220.4x130x48mm	●		3	12
ERPF	ERPF-400	●		90~264VAC	●			●		●		91%	220.4x130x48mm	●		3	12

# UHP Series

## 200~500W Single Output

### Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds (90~264VAC)
- Low profile(26~31mm)
- Built-in active PFC function ;  $PF \geq 0.95$
- 150% peak load capability(100ms)
- Fanless design, cooling by free air convection
- Working temperature (please refer to derating curve) : -30~70°C
- Protections : Short circuit / Overload / Over voltage / Over temperature
- Operating altitude up to 5000 meter
- LED indicator for power on
- Multiple models for choice  
Blank-Type: Enclosed upper case  
R-Type: Built-in DC OK signal and redundant function
- 3 years warranty



▲ UHP-200A  
L167x W55x H26mm



▲ UHP-200□  
L194x W55x H26mm



▲ UHP-350□  
L220x W62x H31mm



▲ UHP-500□  
L233x W81x H31mm

### ■ UHP-200A Series



Model No.	Output	Vo Adj.	R & N	Effi.
UHP-200A-4.2	4.2V, 0~40A	4.0~4.4V	200mV	88%
UHP-200A-4.5	4.5V, 0~40A	4.3~4.7V	200mV	88%
UHP-200A-5	5V, 0~40A	4.7~5.3V	200mV	88.5%

### ■ UHP-200 Series



Model No.	Output	Vo Adj.	R & N	Effi.
UHP-200□-3.3	3.3V, 0~40A	3.2~3.5V	150mV	89%
UHP-200□-4.2	4.2V, 0~40A	3.6~4.4V	150mV	90%
UHP-200□-5	5V, 0~40A	4.5~5.5V	200mV	91%
UHP-200□-12	12V, 0~16.7A	11.4~12.6V	240mV	93%
UHP-200□-15	15V, 0~13.4A	14.3~15.8V	240mV	94%
UHP-200□-24	24V, 0~8.4A	22.8~25.2V	240mV	94%
UHP-200□-36	36V, 0~5.6A	34.2~37.8V	240mV	94%
UHP-200□-48	48V, 0~4.2A	45.6~50.4V	300mV	94%

□ = Blank-Type or R-Type

### ■ UHP-350 Series



Model No.	Output	Vo Adj.	R & N	Effi.
UHP-350□-3.3	3.3V, 0~60A	3.2~3.5V	150mV	88.5%
UHP-350□-4.2	4.2V, 0~60A	3.6~4.4V	150mV	89%
UHP-350□-5	5V, 0~60A	4.5~5.5V	200mV	90%
UHP-350□-12	12V, 0~29.2A	11.4~12.6V	200mV	91%
UHP-350□-15	15V, 0~23.4A	14.3~15.8V	200mV	92%
UHP-350□-24	24V, 0~14.6A	22.8~25.2V	240mV	94%
UHP-350□-36	36V, 0~9.75A	34.2~37.8V	240mV	94%
UHP-350□-48	48V, 0~7.3A	45.6~50.4V	240mV	94%

□ = Blank-Type or R-Type

### ■ UHP-500 Series



Model No.	Output	Vo Adj.	R & N	Effi.
UHP-500□-4.2	4.2V, 0~90A	3.6~4.4V	100mV	89%
UHP-500□-5	5V, 0~90A	4.5~5.5V	100mV	90%
UHP-500□-12	12V, 0~41.7A	11.4~12.6V	120mV	92%
UHP-500□-15	15V, 0~33.4A	14.3~15.8V	150mV	92%
UHP-500□-24	24V, 0~20.9A	22.8~25.2V	150mV	94%
UHP-500□-36	36V, 0~13.9A	34.2~37.8V	240mV	94%
UHP-500□-48	48V, 0~10.45A	45.6~50.4V	240mV	95%

□ = Blank-Type or R-Type

# HSP Series

## 150~300W Single Output

### Features

- Universal AC input / Full range  
(HSP-300: 180~264VAC or 90~135VAC)
- Withstand 300VAC surge input for 5 seconds  
(HSP-150/200/300)
- Slim design, low profile
- Built-in active PFC function ;  $PF \geq 0.95$
- Conformal coated (Semi-potted for HSP-300E)
- Protections: Short circuit / Overload /  
Over voltage / Over temperature
- Fanless, cooling by free air convection(HSP-150/200/300)
- Working temperature  
(please refer to derating curve) :  $-30 \sim +70^{\circ}\text{C}$
- LED indicator for power on
- ZVS technology to reduce power dissipation(HSP-150)
- High efficiency / Slim design / Low voltage output
- HSP-150 :  
Cooling by free air convection(150W) ;  
With fan and heat sink, 40A output(200W)
- Low leakage current :  
<0.4mA/240VAC(HSP-150); <1mA/240VAC(HSP-200/300)
- Multiple models for choice (HSP-300 Series) :  
Blank-Type: No conformal coated  
E-Type: Optional, semi-potted
- 3 years warranty



▲ HSP-150  
L220x W62x H32mm



▲ HSP-200  
L210x W62x H31mm



▲ HSP-300  
L210x W81x H31mm

### ■ HSP-150 Series



Model No.	Output	Vo Adj.	R & N	Effi.
HSP-150-2.5	2.5V, 0~30A / 40A	2.35~2.75V	80mV	86%
HSP-150-3.8	3.8V, 0~30A / 40A	3.4~4.2V	100mV	88%
HSP-150-5	5V, 0~30A / 40A	4.5~5.5V	100mV	90%

### ■ HSP-200 Series



Model No.	Output	Vo Adj.	R & N	Effi.
HSP-200-4.2	4.2V, 0~40A	3.6~4.4V	150mV	88%
HSP-200-5	5V, 0~40A	4.5~5.5V	150mV	88.5%

### ■ HSP-300 Series



Model No.	Output	Vo Adj.	R & N	Effi.
HSP-300□-2.8	2.8V, 0~60A	2.5~3.0V	110mV	80%
HSP-300□-4.2	4.2V, 0~60A	3.6~4.4V	150mV	85%
HSP-300□-5	5V, 0~60A	4.5~5.5V	150mV	87%

□=Blank-Type or R-Type



# RSP Series

## 150~500W Single Output

### Features

- Universal AC input / Full range
- 1U low profile
- High efficiency
- Built-in active PFC function ; PF>0.95
- Protections : Short circuit / Overload / Over voltage / Over temperature
- Working temperature (please refer to derating curve) : -30~+70°C
- Fanless design, cooling by free air convection (RSP-150/200)
- Forced air cooling by built-in DC Fan (RSP-320/500)
- Optional conformal coated
- LED indicator for power on
- 3 years warranty



▲ RSP-150  
L199x W99x H30mm



▲ RSP-200  
L215x W115x H30mm



▲ RSP-320  
L215x W115x H30mm



▲ RSP-500  
L230x W127x H40.5mm

#### ■ RSP-150 Series



Model No.	Output	Vo Adj.	R & N	Effi.
RSP-150-3.3	3.3V, 0~30A	3.14~3.63V	100mV	81.5%
RSP-150-5	5V, 0~30A	4.75~5.5V	100mV	87.0%

#### ■ RSP-320 Series



Model No.	Output	Vo Adj.	R & N	Effi.
RSP-320-2.5	2.5V, 0~60A	2.35~2.85V	100mV	75.5%
RSP-320-3.3	3.3V, 0~60A	2.97~3.8V	100mV	79.5%
RSP-320-4	4V, 0~60A	3.7~4.3V	100mV	81.0%
RSP-320-5	5V, 0~60A	4.5~5.5V	150mV	83.0%

#### ■ RSP-200 Series



Model No.	Output	Vo Adj.	R & N	Effi.
RSP-200-2.5	2.5V, 0~40A	2.35~2.85V	100mV	79.5%
RSP-200-3.3	3.3V, 0~40A	2.97~3.8V	100mV	81.5%
RSP-200-4	4V, 0~40A	3.7~4.3V	100mV	84.0%
RSP-200-5	5V, 0~40A	4.5~5.5V	150mV	85.5%

#### ■ RSP-500 Series



Model No.	Output	Vo Adj.	R & N	Effi.
RSP-500-3.3	3.3V, 0~90A	2.8~3.6V	120mV	81.0%
RSP-500-4	4V, 0~90A	3.6~4.3V	120mV	83.0%
RSP-500-5	5V, 0~90A	4.5~5.5V	150mV	84.0%

# LRS Series

## 150~350W Single Output

### Features

- AC input range:  
115/230VAC selected by switch (LRS-150/200/350);  
85~264VAC input (LRS-150F)  
**180~264VAC input (LRS-200E/300E)**
- **Withstand 300VAC surge in/out for 5 seconds**
- Cooling by free air convection (LRS-200/LRS-200E)
- 1U low profile : 30mm
- **Withstand 5G vibration test**
- No load power consumption < 0.75W
- Working temperature  
(please refer to derating curve) : -25~+70°C
- LED indicator for power on
- 3 years warranty



▲ LRS-150  
L159x W97x H30mm



▲ LRS-150F  
L215x W115x H30mm



▲ LRS-200  
L215x W115x H30mm



▲ LRS-350  
L215x W115x H30mm

### ■ LRS-150 Series



Model No.	Output	Vo Adj.	R & N	Effi.
LRS-150-12	12V, 0~12.5A	10.2~13.8V	150mV	87.5%
LRS-150-15	15V, 0~10A	13.5~18V	150mV	88.5%
LRS-150-24	24V, 0~6.5A	21.6~28.8V	200mV	89.0%
LRS-150-36	36V, 0~4.3A	32.4~39.6V	200mV	89.0%
LRS-150-48	48V, 0~3.3A	43.2~52.8V	200mV	90.0%

### ■ LRS-150F Series



Model No.	Output	Vo Adj.	R & N	Effi.
LRS-150F-5	5V, 0~22A	4.5~5.5V	100mV	85.0%
LRS-150F-12	12V, 0~12.5A	10.2~13.8V	150mV	87.5%
LRS-150F-15	15V, 0~10A	13.5~18V	150mV	89.0%
LRS-150F-24	24V, 0~6.5A	21.6~28.8V	200mV	89.0%
LRS-150F-36	36V, 0~4.3A	32.4~39.6V	200mV	89.0%
LRS-150F-48	48V, 0~3.3A	43.2~52.8V	200mV	90.0%

### ■ LRS-200 Series



Model No.	Output	Vo Adj.	R & N	Effi.
LRS-200-3.3	3.3V, 0~40A	2.97~3.6V	150mV	83%
LRS-200-4.2	4.2V, 0~40A	3.6~4.4V	150mV	86%
LRS-200-5	5V, 0~40A	4.5~5.5V	150mV	87%

### ■ LRS-200E Series

Model No.	Output	Vo Adj.	R & N	Effi.
LRS-200E-4.2	4.2V, 0~32A	3.6~4.4V	150mV	80%
LRS-200E-5	5V, 0~32A	4.5~5.5V	150mV	80%

### ■ LRS-350 Series



Model No.	Output	Vo Adj.	R & N	Effi.
LRS-350-3.3	3.3V, 0~60A	2.97~3.6V	150mV	79.5%
LRS-350-4.2	4.2V, 0~60A	3.6~4.4V	150mV	81.5%
LRS-350-5	5V, 0~60A	4.5~5.5V	150mV	83.5%

### ■ LRS-300E Series

Model No.	Output	Vo Adj.	R & N	Effi.
LRS-300E-4.2	4.2V, 0~60A	3.6~4.4V	150mV	78%
LRS-300E-5	5V, 0~60A	4.5~5.5V	150mV	80%

# LHP Series

## 200W Single Output

### Features

- Universal AC input / Full range : 90~264VAC
- Current Sharing Function
- Built-in parallel "PG" signal
- Low profile ( 26mm )
- Working temperature  
(please refer to derating curve) : -40~+80°C
- Built-in active PFC function, PF≥0.95
- Fanless design, cooling by free air convection
- Low leakage current<1mA
- LED indicator for power on
- High efficiency / Slim design / Low voltage output
- Protections: Short circuit / Overload /  
Over voltage / Over temperature
- 3 years warranty



### ■ LHP-200 Series

Model No.	Output	Vo Adj.	R & N	Effi.
LHP-200-4.2	4.2V, 0~40A	3.8~4.2V	200mV	90%
LHP-200-4.6	4.6V, 0~40A	4.2~4.6V	200mV	91%
LHP-200-5	5V, 0~40A	4.5~5V	200mV	91%

# HDP Series

## 190W/240W Dual Output

### Features

- Universal AC input / Full range
- Slim design, low profile
- Built-in active PFC function, PF≥0.94
- Conformal coated
- Protections: Short circuit / Overload /  
Over voltage / Over temperature
- Working temperature  
(please refer to derating curve) : -30~+70°C
- LED indicator for power on
- High efficiency up to 86%(HDP-190);  
up to 84%(HDP-240)
- Fanless design(HDP-190); Built-in DC fan(HDP-240)
- 3 years warranty

### ■ HDP-190 Series

Model No.	Output	Vo Adj.	R & N	Effi.
HDP-190	3.8V, 0~40A	3.6~4V	100mV	86%
	2.8V, 0~22A	2.5~3V	100mV	



### ■ HDP-240 Series

Model No.	Output	Vo Adj.	R & N	Effi.
HDP-240	3.8V, 0~50A	3.6~4V	100mV	84%
	2.8V, 0~27.5A	2.5~3V	100mV	



# HSN Series

## 200W/300W Single Output

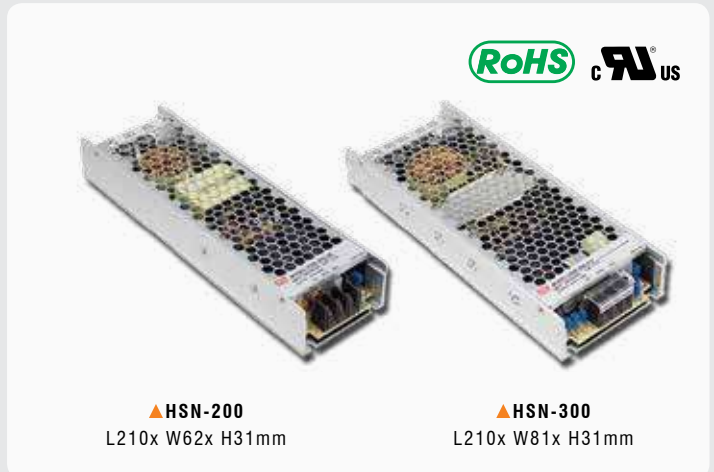
### Features

- Universal AC input / Full range : 90~132VAC or 180~264VAC
- Low profile
- Conformal coated
- Low leakage current : <1mA/240VAC
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Working temperature (please refer to derating curve) :  
-25~+70°C(HSN-200), -20~+70°C(HSN-300)
- Fanless design, cooling by free air convection
- LED indicator for power on
- 2 years warranty

#### ■ HSN-200 Series

Model No.	Output	Vo Adj.	R & N	Effi.
HSN-200-4.2 □	4.2V, 0~40A	3.6~4.4V	150mV	86.5%
HSN-200-5 □	5V, 0~40A	4.5~5.5V	150mV	86.5%

□ = A or B-Type; A-Type: 90~132VAC, 30A output; B-Type: 180~264VAC, 40A output



▲ HSN-200  
L210x W62x H31mm

▲ HSN-300  
L210x W81x H31mm

#### ■ HSN-300 Series

Model No.	Output	Vo Adj.	R & N	Effi.
HSN-300-4.2 □	4.2V, 0~60A	3.6~4.4V	150mV	85%
HSN-300-5 □	5V, 0~60A	4.5~5.5V	150mV	86%

□ = A or B-Type; A-Type: 90~132VAC, 50A output; B-Type: 180~264VAC, 60A output

# NEL Series

## 400W Single Output

### Features

- AC input range : 180~264VAC
- Withstand 300VAC surge input for 5 seconds
- Low profile/Slim design & Low cost/Conformal coated
- Protections: Short circuit / Overload /  
Over voltage/ Over temperature

- Working temperature  
(please refer to overload derating curve) : -20~+60°C
- Forced air cooling by built-in DC fan
- LED indicator for power on
- 2 years warranty



▲ NEL-400  
L215x W115x H30mm

#### ■ NEL-400 Series

Model No.	Output	Vo Adj.	R & N	Effi.
NEL-400-2.8	2.8V, 0~80A	2.5~3.0V	150mV	79%
NEL-400-4.2	4.2V, 0~80A	3.6~4.4V	150mV	83%
NEL-400-5	5V, 0~80A	4.5~5.5V	150mV	84%

# ERP Series

## 350W Single Output

### Features

- AC input range : 180~264VAC
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Overload /  
Over voltage/ Over temperature
- Cooling by free air convection

- LED indicator for power on
- Low cost, high reliability
- 100% full load burn-in test
- 3 years warranty



### ■ ERP-300 Series

Model No.	Output	Vo Adj.	R & N	Effi.
ERP-350-12	12V, 0~26.7A	10.8~13.2V	150mV	87%
ERP-350-24	24V, 0~14.6A	21.6~26.4V	150mV	89%
ERP-350-36	36V, 0~9.7A	32.4~39.6V	240mV	90%
ERP-350-48	48V, 0~7.3A	43.2~52.8V	240mV	90%

# ERPF Series

## 400W Single Output

### Features

- Universal AC input / Full range  
(Withstand 300VAC surge input for 5 seconds)
- Built-in active PFC function, PF $\geq$ 0.95
- High efficiency up to 91%
- Design against rain splash
- Cooling by free air convection

- Protections: Short circuit / Overload /  
Over voltage/ Over temperature
- LED indicator for power on
- Low cost, high reliability
- 100% full load burn-in test
- 3 years warranty



### ■ ERPF-400 Series

Model No.	Output	Vo Adj.	R & N	Effi.
ERPF-400-12	12V, 0~30A	10.8~13.2V	150mV	89%
ERPF-400-24	24V, 0~16.7A	21.6~26.4V	150mV	90%
ERPF-400-48	48V, 0~8.3A	43.2~52.8V	240mV	91%

## HBG Series 60~240W Circular shape LED driver for High-Bay Lights

HBG series are high performance and single output LED power supplies specially designed for the high/low bay lighting and spot lighting applications. Featuring with circular shape, these new series are easy to be assembled and perfectly fit in with the mechanical structure of high/low bay lighting fixtures. Fully potted by thermally conductive epoxy resin, HBG series aluminum enclosure can be tightly assembled to the heat sink of lighting fixtures and provide excellent heat dissipation ability (PCB type available for HBG series), which solve the mechanism limits of old style bay lighting systems using slim shape LED power supplies. As long as the temperature on the top of the enclosure can be controlled under 70°C, the power supply service life could be guaranteed up to 50,000 hours. For more details, please visit MEAN WELL's website: [www.meanwell.com](http://www.meanwell.com)

### HBG-60 Series



- 90~295VAC input
- PCB type, plastic case
- Constant current mode

### HBG-100 Series



- 90~305VAC input
- PCB type, metal case
- Constant current mode

### HBG-160 Series



- 90~305VAC input
- PCB type, metal case
- C.C. + C.V. mode

### HBG-240 Series



- 90~305VAC input
- PCB type, metal case
- C.C. + C.V. mode

## 40~600W LED Drivers for Street Lamps

Equipped with high PF value and high IP protection level, MEAN WELL street lamps LED driver provides outstanding surge withstand ability, various dimming options, and 5 to 7 years of warranty. Full range of products comply with international safety regulations, very suitable for indoor/ outdoor harsh environment and LED street lighting applications. In addition to AC/DC power supplies, MEAN WELL also provides constant current DC/DC converters, including step-up, step-down and buck-boost types, which enables the LED fixtures with multiple parallel channels design to have ideally stable constant current state.

### AC/DC Switching Power Supply



- Type HL LED Driver for use in Class I, Division 2 hazardous location luminaires
- Multiple models for choice :  
Built-in 3 in 1 dimming function (0~10VDC/PWM signal/ or resistance) / Output constant current level can be adjusted / DALI control technology / Smart timer dimming function

### DC/DC LED Driver



- Constant current step-up modes (LDH/LDD-H series);  
Constant current step-down mode (LDD-L series);  
Constant current buck-boost mode (LDB-L series)
- Comply with EN55015 / FCC part 15 without additional input filter and capacitors
- Wide input and output voltage range



# LED Power Solution

*Standard LED Driver*



HLG/HLG-C Series



HVG/HVGC Series



ELG Series



CLG/CEN Series



LPF Series



OWA/NPF/PWM Series



PLN/HLN Series



IDL/ODL Series



PLM Series



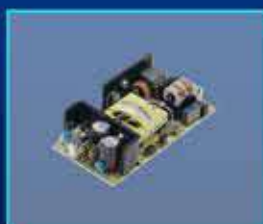
LP/AP Series



LCM Series



HBG Series



HLP/PLP/IDP Series



GSC Series



LDD/LDH Series



LED Accessories

[www.meanwell.com](http://www.meanwell.com)

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