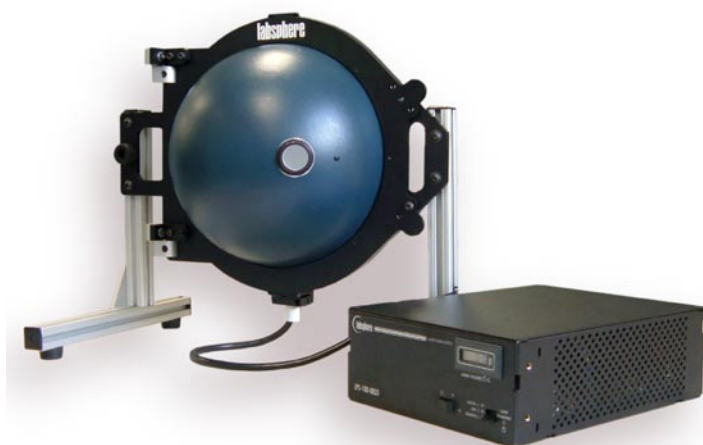


LPS SERIES LAMP POWER SUPPLIES

Fast, stable, multi-purpose lamp power supplies in a small footprint



LPS-100 WITH LMS-100 LIGHT MEASUREMENT SPHERE

FAST

The LPS-100 and the LPS-150 power supplies ramp up in only 20 seconds, extending the life and performance of the lamp. Timers track lamp operation time and power supply operations can be run from the front panel or remotely off a TTL connection.

FEATURES:

- Preset Regulated DC Current
- Controlled Current Ramp Up
- Lamp Operation Timer
- Easy On/Off Operation
- Front Panel or Remote TTL Control

BEST FOR MEASURING:

- Lamp Standards for Light Test and Calibration Systems
- Light Source Assemblies for Camera Calibration Systems
- Multi-Lamped Large Area Remote
- Sensor Calibration Systems

STABLE

The LPS-100 and the LPS-150 power supplies ramp up in only 20 seconds, extending the life and performance of the lamp. Timers track lamp operation time and power supply operations can be run from the front panel or remotely off a TTL connection. Regulated current ensures accuracy from our lamps.

EASY-TO-USE

The LPS-100 and LPS-150 power supplies operate single-supply or intricate multi-power applications such as remote sensing calibration systems. Light measurement system upgrades and sensor calibration systems are easily implemented through a wide variety of interchangeable light source assemblies, lamp standards, and complimentary power supplies. Power supplies can be rack-mounted or stand-alone.



LPS-100

Specifications

LPS-100, LPS-150 and Lamp Assembly Compatibility

Model Number	Order Number	Lamp Assembly or Standard
LPS-100-0042	AS-02600-042	IHLS-100-05
LPS-100-0105	AS-02600-105	SCL-050, CSFS-050
LPS-100-0167	AS-02600-167	IHLS-100-10, EHLS-100-20D
LPS-100-0260	AS-02600-260	CL-600, SCL-600, CLFS-600, CSFS-600
LPS-100-0278	AS-02600-278	LPS-100-30D
LPS-100-0307	AS-02600-307	EHLS-100-35R, IHLS-100-35R, AUX-35
LPS-100-0625	AS-02600-625	EHLS-100-75R, IHLS-100-75, EHLS-100-75D
LPS-100-0667	AS-02600-676	150W Direct Mounts
LPS-100-0833	AS-02600-833	EHLS-100-100R, IHLS-100-100. AUX-100, FFS-100-1000
LPS-150-0635	AS-02656-635	IHLS-DM-150
LPS-150-0685	AS-02656-686	EHLS-100-120
LPS-150-0660	AS-02656-660	KI-120
LPS-150-0268	AS-02656-268	CL-1400, SCL-1400, CLFS-1400, CSFS-1400
LPS-150-0625	AS-02656-625	EHLS-100-150R
LPS-150-0416	AS-0256-416	FFS-100-400, Aux-50

Properties and Performance

LPS-100-XXX	0042	0105	0167	0260	0278	0307	0625	0676	0833
Nominal Output Power	5.0 W	4.4 W	10 W	32 W	30 W	40 W	75 W	45 W	100 W
DC Regulated Current	4.20 A	1.05 A	1.67 A	2.60 A	2.78 A	3.07 A	6.25 A	6.76 A	8.33 A

LPS-150-XXX	0268	0416	0625	0635	0660	0685
Nominal Output Power	75 W	50 W	200 W	150 W	120 W	120 W
DC Regulated Current	2.68 A	4.17 A	6.25 A	6.35 A	6.60 A	6.85 A

Current Accuracy	+/- 0.1%
Current Stability	+/- 0.1%
Current Rise Time	20 +/- 5 seconds
Temperature Coefficient	+/-0.1%/°C at 25 +/-50C
Storage Temperature and Humidity	-20 – 700C, 10-95 %RH
Operating Temperature and Humidity	15 – 400C, 30-90 %RH
Trigger Link	TTL
Power Requirements	110./220 VAC, 50/60 Hz
Weight	6.5 lbs (2.9 kg)
Dimension (W x D x H)	8.3 x 10.5 x 3.5 in (21.1x 26.7 x 8.9 cm)
Compliance	CE

Optional Accessories

Lamps operated with LPS-100's

AUX-35, 35 W Absorption Correction Lamp assembly	AS-02639-000
AUX-100, 100W Absorption Correction Lamp	AS-02737-000
SCL-050, 5 W Spectrally Calibrated Lamp, Flux	AS-02528-001
CL-600, 35 W Luminous Flux standard Calibrated Lamp	AS-01332-000
SCL-600, 35 W Spectrally Calibrated Lamp, Flux	AS-01335-000
CSFS-050, 5 W Spectrally Calibrated Lamp Set	AS-02528-000
CSFS-600, 35 W Spectrally Calibrated Lamp Set	AS-01336-000
IHLS-100-005, 12V, 5 W Internal Halogen Lamp Assembly	AS-02631-005
IHLS-100-010, 6V, 10 W Internal Halogen Lamp Assembly	AS-02631-010
EHLS-100-30D, 30 W External Halogen Lamp Assembly	AS-02640-030
IHLS-100-035, 12V, 35 W Internal Halogen Lamp Assembly	AS-02631-035
EHLS-100-35R, 12V, 35 W External Halogen Lamp Assembly	AS-02630-035
IHLS-100-75, 12V, 75 W Internal Halogen Lamp Assembly	AS-02631-075
EHLS-100-75R, 75 W External Halogen Lamp Assembly	AS-02630-075
IHLS-100-100, 12V, 150 W Internal Halogen Light Source	AS-02631-100
EHLS-100-100R, 100 W External Halogen Lamp Assembly	AS-02630-100
EHLS-100-20D, 20W External Halogen Lamp Assembly	AS-02640-020
EHLS-100-75D, 75W External Halogen Lamp Assembly	AS-02640-075
FFS-100-1000, 8.333 A Forward Flux Standard	AS-02768-200

Lamps operated with LPS-150's

SCL-1400, 75 W Spectral Flux Standard	AS-01342-000
CSFS-1400, 75 W Spectral Flux Standard Set	AS-01343-000
EHLS-100-120, 120 W External Light Source Dichroic	AS-02640-120
EHLS-100-150R, 150W External Light Source	AS-02575-150
KI-120 Koehler Illuminator	AS-02509-601
FFS-100-400, 4.167 A Forward Flux Standard	AS-02768-100