

# LX series

## LED Power Supplies

### IP67 LED Power supplies

The LX series of constant current and voltage LED power supplies from Excelsys Technologies provide a range of LED power solutions from 30W to 300W. With industry leading efficiencies and an extensive protection feature set the LX series provides high reliability and high performance in a compact package.

- Compact Size
- High Efficiency up to 95%
- IP67 Waterproof
- OVP, OCP, SCP, OTP
- -20 to 70°C deg operation
- Wide Input Voltage
- No Minimum Load
- EN55022 Conducted Level B
- EN55022 Radiated Level B
- EN61000-4-5 4kV L-E

LED Power  
30W-300W

#### LXC30

**30W**  
Constant Current  
168 x 38 x 30mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXC30-0710S	21-42V	710mA	90-264VAC	86.0%
LXC30-0830S	18-36V	830mA	90-264VAC	86.0%
LXC30-1250S	12-24V	1250mA	90-264VAC	85.0%
LXC30-1660S	9-18V	1660mA	90-264VAC	84.0%
LXC30-2500S	6-12V	2500mA	90-264VAC	83.0%

#### LXC50

**50W**  
Constant Current  
168 x 38 x 30mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXC50-1040S	24-48V	1040mA	90-264VAC	88.0%
LXC50-1190S	21-42V	1190mA	90-264VAC	87.0%
LXC50-1400S	18-36V	1400mA	90-264VAC	87.0%
LXC50-2100S	12-24V	2100mA	90-264VAC	86.0%
LXC50-2770S	9-18V	2770mA	90-264VAC	85.0%
LXC50-3000S	6-12V	3000mA	90-264VAC	84.0%

#### LXV75

**75W**  
Constant Voltage  
167 x 66.5 x 42mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXV75-012S	12V	6.25A	90-305VAC	92.5%
LXV75-024S	24V	3.13A	90-305VAC	93.0%
LXV75-036S	36V	2.08A	90-305VAC	93.0%
LXV75-042S	42V	1.79A	90-305VAC	93.5%
LXV75-048S	48V	1.56A	90-305VAC	94.0%
LXV75-054S	54V	1.39A	90-305VAC	94.0%
LXV75-081S	81V	0.93A	90-305VAC	94.0%
LXV75-105S	105V	0.71A	90-305VAC	94.0%

#### LXV100

**100W**  
Constant Voltage  
167 x 66.5 x 42mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXV100-012S	12V	8.33A	90-305VAC	92.5%
LXV100-024S	24V	4.17A	90-305VAC	93.0%
LXV100-036S	36V	2.77A	90-305VAC	93.0%
LXV100-042S	42V	2.38A	90-305VAC	93.5%
LXV100-048S	48V	2.08A	90-305VAC	94.0%
LXV100-054S	54V	1.85A	90-305VAC	94.0%
LXV100-081S	81V	1.23A	90-305VAC	94.0%
LXV100-105S	105V	0.95A	90-305VAC	94.0%

#### LXV120

**120W**  
Constant Voltage  
167 x 66.5 x 42mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXV120-012S	12V	10.0A	90-264VAC	93.0%
LXV120-024S	24V	5.00A	90-264VAC	93.0%
LXV120-036S	36V	3.33A	90-264VAC	93.5%
LXV120-042S	42V	2.85A	90-264VAC	94.0%
LXV120-048S	48V	2.50A	90-264VAC	94.5%
LXV120-054S	54V	2.22A	90-264VAC	95.0%
LXV120-081S	81V	1.48A	90-264VAC	95.0%
LXV120-105S	105V	1.14A	90-264VAC	95.0%

#### LXV150

**150W**  
Constant Voltage  
187 x 66.5 x 42mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXV150-012S	12V	12.50A	90-264VAC	93.0%
LXV150-024S	24V	6.25A	90-264VAC	93.0%
LXV150-036S	36V	4.17A	90-264VAC	93.5%
LXV150-042S	42V	3.57A	90-264VAC	94.0%
LXV150-048S	48V	3.13A	90-264VAC	94.5%
LXV150-054S	54V	2.78A	90-264VAC	95.0%
LXV150-081S	81V	1.85A	90-264VAC	95.0%
LXV150-105S	105V	1.42A	90-264VAC	95.0%

#### LXV200

**200W**  
Constant Voltage  
167 x 66.5 x 42mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXV200-012S	12V	16.67A	90-264VAC	93.5%
LXV200-024S	24V	8.33A	90-264VAC	94.0%
LXV200-036S	36V	5.56A	90-264VAC	94.0%
LXV200-042S	42V	4.76A	90-264VAC	94.0%
LXV200-048S	48V	4.17A	90-264VAC	94.0%
LXV200-054S	54V	3.70A	90-264VAC	94.5%
LXV200-081S	81V	2.47A	90-264VAC	94.5%
LXV200-105S	105V	1.90A	90-264VAC	94.5%

#### LXV300

**300W**  
Constant Voltage  
255 x 88 x 39mm



Model Number	Output Voltage	Output Current	Input Voltage	Efficiency
LXV300-012S	12V	25.00A	90-305VAC	92.0%
LXV300-024S	24V	12.50A	90-305VAC	93.0%
LXV300-036S	36V	8.33A	90-305VAC	94.0%
LXV300-042S	42V	7.14A	90-305VAC	94.0%
LXV300-048S	48V	6.25A	90-305VAC	94.0%
LXV300-054S	54V	5.55A	90-305VAC	94.0%

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#### Europe/Asia

Excelsys Technologies Ltd  
27 Eastgate Drive  
Eastgate Business Park  
Little Island, Cork, Ireland  
IRELAND

t: +353 21 4354716  
f: +353 21 4354864  
e: sales@excelsys.com

#### North America

Excelsys Technologies  
519 Interstate 30, #309  
Rockwall, TX 75087  
USA

t: (972) 771 4544  
f: (972) 421 1805  
e: salesusa@excelsys.com