

12VDC Constant Voltage Drivers - SPL Models



SPL-60-12



SPL-120-12



SPL-250-12



SPL-400-12

DC
12V

CV

ta
MAX 60°C

tc
MAX 70°C

PFC
λ ≥ 0,60

Superlight®

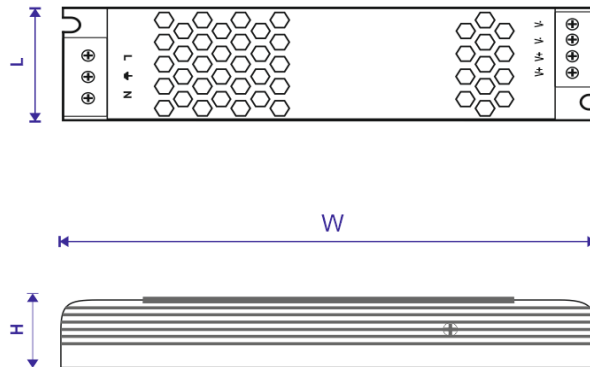
Technical Features

- Input voltage range: 170-260VAC
- Input frequency: 50 ~ 60Hz
- Constant voltage output: 12VDC
- Power factor correction (PFC): $\lambda \geq 0,60$
- Efficiency: 84 ~ 86%
- Operating ambient temperature Ta: -20°C ~ +60°C
- Humidity: 20% ~ 90% RH
- Max case temperature on Tc: 70°C
- Double output terminal
- Overload protection (OLP)
- Overvoltage protection (OVP)
- Short circuit protection (SCP)

General Characteristics

- IP20 Rating
- Metallic case
- Electric class protection I
- Equipped with clamp cover
- Screw input and output terminals
- One year warranty

Mechanical Specification



Model	Input Voltage (VAC)	Input Frequency (Hz)	Output Power (W)	Output Voltage (VDC)	Output Current (A)	PFC (λ)	Dimensions (mm)			Weight (kg)
							W	L	H	
SPL-60-12	170-260	50~60	60	12	5	0.6	150	36	23	0.13
SPL-120-12			120		10		146	48	24	0.19
SPL-250-12			250		20.8		208	63	30	0.33
SPL-400-12			400		33.3		227	63	30	0.42