LED driver - Outdoor - MU series

> ED Iriver Outdoor Other se

LED driver - Indoor

general power supplies - MF series

general power supplies - MS series

PE028/032/038/052 Series - Constant Current Output

Features

- Input voltage range 176 ~ 264VAC
- High efficiency: 90% typical
- Active PFC: 0.95 typical
- IP20 Compliant
- Protections: OVP, SCP
- Comply with UL8750, IEC61347.1, IEC61347-2-13
- CE compliant
- 2-year warranty



 $95 \times 70 \times 32 \text{ mm}$

Electrical Specifications

Input voltage range	176~264 VAC		
Frequency	47~63 Hz		
Power factor	0.95 at 220VAC (typical)		
Inrush current	15 A Max (25°C, at 220VAC, cold start)		
Input current	0.35A Max at 200VAC		
Efficiency	90% (typical) at 220VAC maximum load		
Maximum power	52W		
Line regulation	± 3%		
Load regulation	±5%		
Leakage current	0.3mA Max		
Protections	Over Voltage, Short Circuit		

Environmental Specifications

Operating temperature	-25°C ~ +55°C		
Storage temperature	-40°C ~ +85°C		
Maximum case Temp.	80°C		
Humidity	20% ~ 90%RH		
Cooling method	Convection		
Isolation voltage	Input/Output 3750VAC		
Viberation	5-55Hz/2g, 30minutes		
MTBF	300,000 hours full load and 25°C ambient		
Life time	50,000 hours at 35°C ambient		
Reference dimension ($L \times W \times H$)	95 × 70 × 32 (mm)		

Safety & EMC Compliance

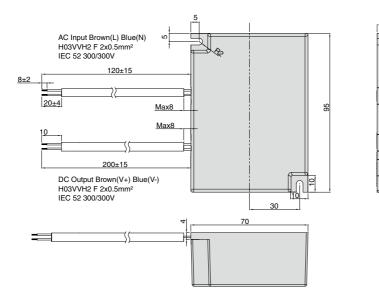
CUL	UL8750			
CE	EN 61347-1, EN61347-2-13			
Conducted Emissions	EN55015 Class B			
Radiated Emissions	EN55015 Class B			
Harmonic Current Emissions	EN61000-3-2			
Voltage Fluctuations and Flicker	EN61000-3-3			
Electrostatic Discharge	EN61000-4-2			
RFE Field Susceptibility	EN61000-4-3			
Electrical Fast Transient	EN61000-4-4			
Conducted Radio Frequency	EN61000-4-6			
Power Frequency Magnetic Field Test	EN61000-4-8			
Voltage Dips	EN61000-4-11			
Electromagnetic Immunity	EN61547			

MOONS'

Model Specifications - constant current

Part Number	Output Current	Output Voltage	Current Accuracy	Efficiency (typical)
				220VAC
PE028A070AQ	700mA	20-40VDC	± 5%	88%
PE032A080AQ	800mA	20-40VDC	± 5%	89%
PE038A085AQ	850mA	25-45VDC	± 5%	89%
PE052A095AQ	950mA	28-55VDC	± 5%	90%

Mechanical Outline (unit: mm)





LED driver - Outdoor - MU series

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LED driver - Intelligent seri

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