

80-130W CECVI E-Series

12V to 56VDC Single Output



Features

- Active PFC Function
- Efficiency Level VI Compliance
- RoHS Compliance
- IEC320 C14, C8, C6 AC Inlet Options
- OVP, OCP, OTP, SCP Protections
- LED Indicator

Dimensions: 137Lx59Wx34H(mm)

Selection Table (any voltage shown below in "Voltage Range" is available)

Part Number	Max. Output Power (W)	Voltage Range	Min. Load	Max. Load	Load Regulation	Line Regulation	Ripple & Noise
A120067EDL	80W	12~16V	0	6.66A	± 5%	± 1%	240mV
A120075EDL	90W	12~16V	0	7.5A	± 5%	± 1%	240mV
A190047EDL	90W	19~24V	0	4.73A	± 5%	± 1%	360mV
A120083EDL	100W	12~16V	0	8.33A	± 5%	± 1%	240mV
A190053EDL	100W	19~24V	0	5.26A	± 5%	± 1%	360mV
A120092EDL	110W	12~16V	0	9.16A	± 5%	± 1%	240mV
A190058EDL	110W	19~24V	0	5.78A	± 5%	± 1%	360mV
A120100EDL	120W	12~16V	0	10A	± 5%	± 1%	240mV
A190063EDL	120W	19~24V	0	6.31A	± 5%	± 1%	360mV
A480021EDL	100W	48~56V	0	2.08A	± 5%	± 1%	840mV
A480027EDL	130W	48~56V	0	2.70A	± 5%	± 1%	840mV

1 : Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.

2 : Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.

3 : Max. Output Power (W) ≥Vo x Io

Electrical

Input

- Turn On Time ≤3s
- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current ≤2A
- Inrush Current ≤120A At cold start
- Efficiency Meet CEC Level V, VI
- Hold Up Time ≥8.3mS

Output

- Over Voltage Protection Latch Off
- Short Circuit Protection Auto Recovery
- Over Current Protection Auto Recovery
- Over Temperature Protection Latch Off

Safety

- UL/CUL UL60950, TUV/GS EN/IEC 60950
CB, CCC, PSE, BSMI, RCM, CE, FCC

Environmental

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

Mechanical

