

RoHS
Compliant

Rugged PCB Type
AC-DC converter

LFA series

Rugged PCB type AC-DC Switching Power Supply

5 Year warranty

COSEL

www.cosel.co.jp/en



Rugged PCB type



Power
Factor
Correction



World
wide



Cost
Effective



Rugged
PCB type



Safety
Approvals



EMI



Inrush
current
limiting



OCP



OVP

COSEL

LFA-series



■ Feature

- Small and compact PCB construction
- Built-in inrush current, overcurrent and overvoltage protection circuits
- Harmonic attenuator (Complies with IEC61000-3-2)
- Universal input (AC85-264V)
- Power factor correction (LFA50F, 75F)
- Built-in reducing standby power circuit (LFA10F, 15F)

■ Safety agency approvals

- UL60950-1, C-UL(CSA60950-1), EN60950-1, EN50178
- Complies with DEN-AN

■ EMI

- Complies with FCC-B, CISPR22-B, EN55011-B, EN55022-B, VCCI-B

■ 5-year warranty (refer to Instruction Manual)

■ CE marking

- LVD and EMC directive

■ EMC Compliance : EN61204-3, EN61000-6-2

- EN61000-4-2
- EN61000-4-3
- EN61000-4-4
- EN61000-4-5
- EN61000-4-6
- EN61000-4-8
- EN61000-4-11

LFA series 10-75W

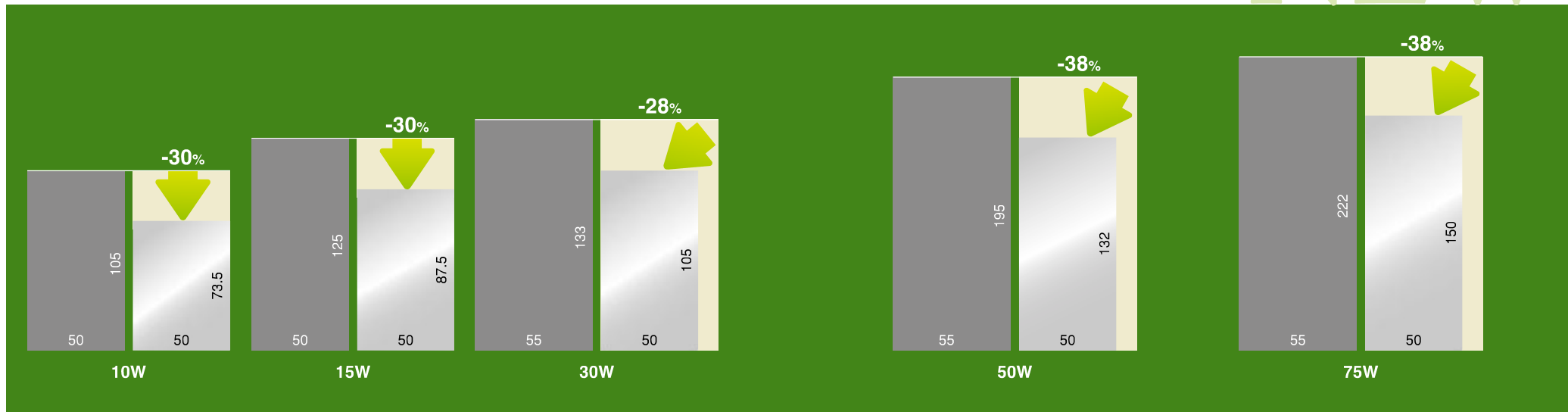
Small • Light weight • Universal input Rugged PCB type
AC-DC switching Power supply

Footprint downsizing

Footprint size down 28%-38% from existing LDA/LEA series.
The width dimension standardized at 50mm and the depth dimension is down approx. 30%.

Providing a new Standard universal input and Rugged PCB Power supply

NEW



Unit: [mm]

Environmentally sensitive

Harmonic attenuator (All models comply with IEC61000-3-2)
New design circuitry decreases power consumption during stand-by periods (10/15W)
Built in Power factor correction circuitry for decreased AC input capacity (50/75w)

Compatible with LGA series for mounting

Size dimensions compatible with LGA series, AC100V Rugged PCB type P.S. (50/75W)
LFA & LGA Series same footprint. Contributes to standardization of your mechanical design

Safety standard approved

UL, C-UL and TUV approved(※1), CE Mark(※2) complied.
Decreases your time and money in applying for safety standard approvals.

※1 UL,UL60950-1, C-UL(CSA60950-1), TUV,EN60950-1, EN50178 (Pending)
※2 LVD and EMC directive

Various options provided

- C : Conformal coating
- G : Low leakage current
- J1 : VH Connector (Manuf. J.S.T)
- S : With Chassis
- SN: With Chassis and Cover
- Y : Output voltage adjusting Potentiometer

