

1x6 W Constant Current LED driver

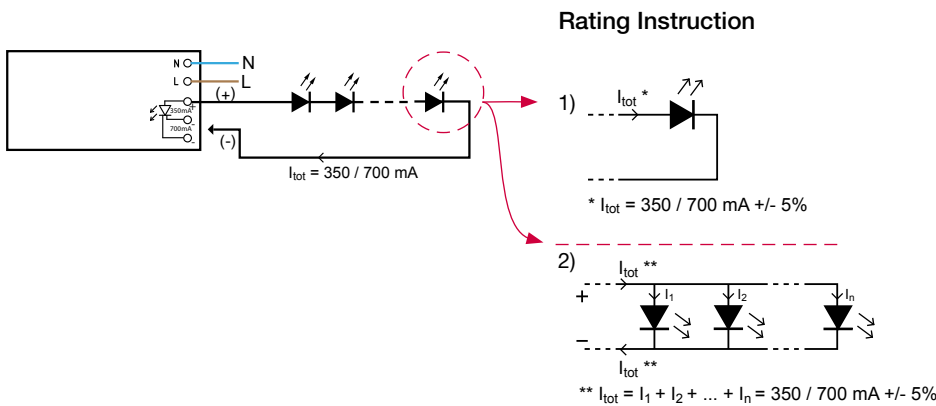


6 W 100 - 240 V, 50 - 60 Hz

- Selectable constant current output: 350 / 700 mA
- Universal supply voltage range
- Short circuit protection
- High efficiency, 0.80
- Linear enclosure with strain relief for independent use
- Accepts DC mains in case of central emergency battery
- IP20



Connections



Note: Not suitable for load side switching operation.

Mains Characteristics

Voltage range	85 - 264 VAC 100 - 264 VDC
Max mains current at full load	50 mA (at 240 VAC) 140 mA (at 100 VAC)
Frequency	0 / 50 - 60 Hz
Maximum circuit power	9 W

Connections and Mechanical Data

Wire size	0.5 - 1.5 mm ²
Wire type	solid core and fine-stranded
Max. wire length in the total output circuit between (+) & (-)	10 m
Weight	65 g

Load Output

Output current	350 / 700 mA
U-OUT _{max} (abnormal)	25 V
Max output power	7.0 W

Conformity & Standards

General and safety requirements	EN 61347-1
Particular safety requirements for d.c. or a.c. supplied electronic controlgear for LED modules, acc. to	EN 61347-2-13
Thermal protection class	EN61347, C5e
Mains current harmonics, acc. to	EN 61000-3-2
Limits for Voltage Fluctuations and Flicker, acc. to	EN 61000-3-3
Radio Frequency Interference, acc. to	EN 55015
Immunity standard, acc. to	EN 61547
Performance requirements, acc. to	EN 62384

I-OUT	350 mA	700 mA
U-OUT	7...16	7...10
λ	82	85
η @ max	80	80

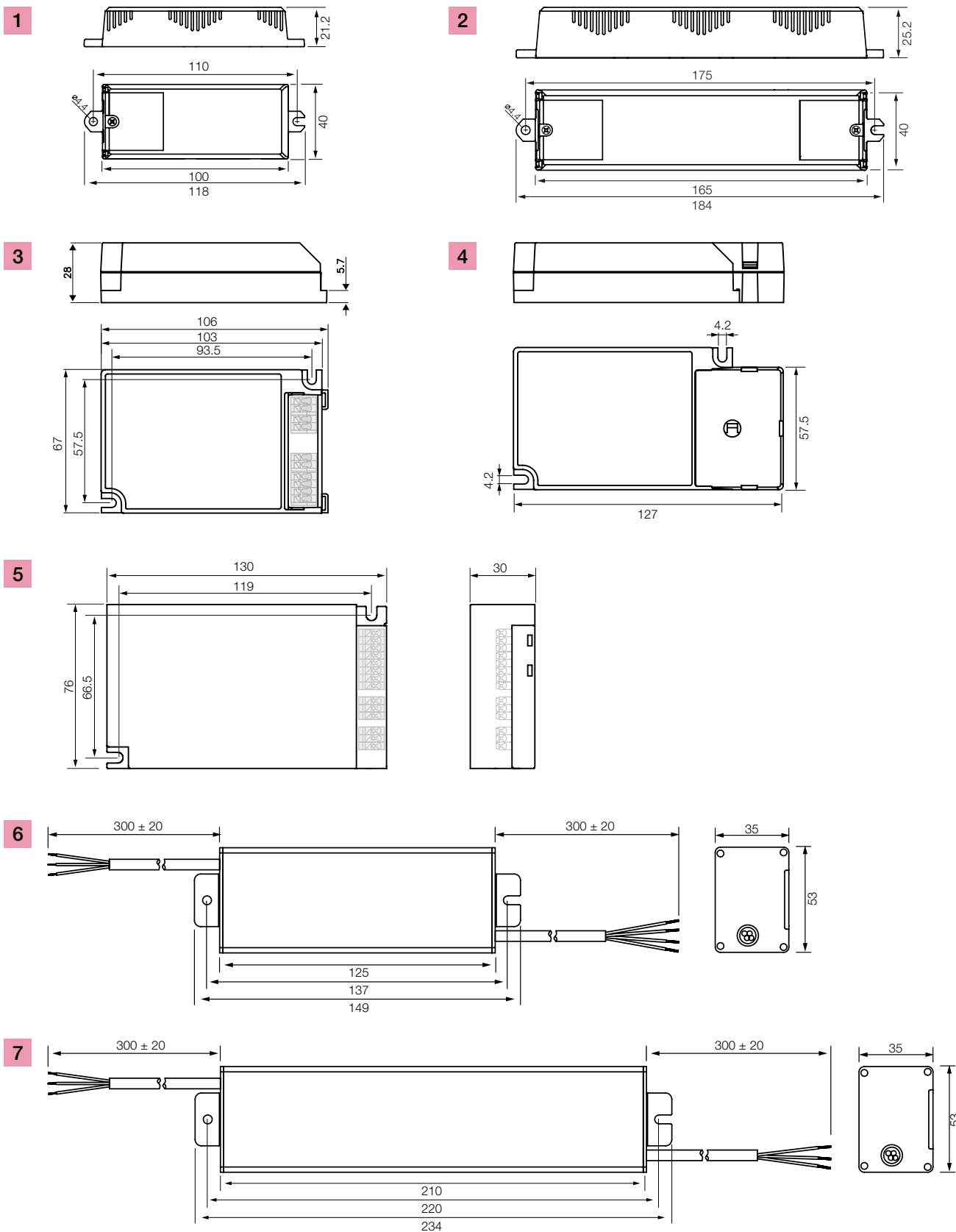
Operating Conditions and Characteristics

Max. temperature at tc point	80 °C
Ambient temperature range	-20...+60 °C
Storage temperature range	-40...+80 °C
Maximum relative humidity	no condensation
Life time	50 000h, at TC max (90 % survival rate)

Compliant with relevant EU directives
ENEC, CE & SELV marked

Note: See page 79 for dimensions, (no. 1)

Dimensions



1	LL6-U-CC
2	LL20-U-CC
3	LC1x30-E-CC, LC1x30-E-DA, LC1x30-E-AN
4	LC1x30-E-CC, LC1x30-E-DA, LC1x30-E-AN (+ LC1x30-SR)
5	LC50-U-DX3

6	OL1x60-E-CC
7	OL1x100-E-CC1, OL1x100-E-CC2