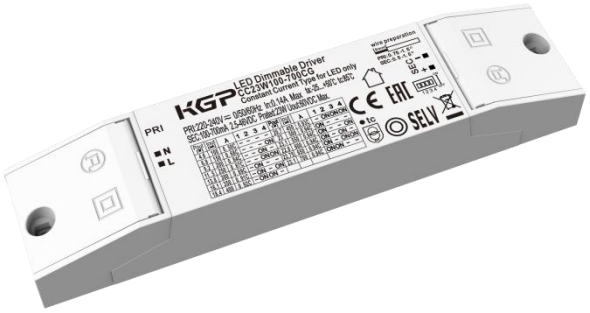
Supper Slim ON/OFF

CC15W100-700CG
CC23W100-700CG





Product features

- Dip Switch selectable current output
- Supply voltage 220-240 Vac ± 10%
- Range input voltage 198-264 Vac
- Range DC input voltage 176-280Vdc
- Frequency: 0/50/60 Hz
- Class II
- Power factor ≥0,90 for 15W (at full load)
  ≥0,94 for 23W (at full load)
- Low ripple ±5%
- Current Accuracy ±10% for 100mA
  ±7.5% for 150-200mA
  ±5% for 250-700mA
- Low THD ≤20% for 15W (at full load)
  ≤15% for 23W (at full load)
- SELV
- 50.000 Hours lifetime (At Tc Max.)
- 5 Years guarantee

Product benefit

- Compact shape
- Flexible configuration with Dip Switch
- Wide voltage range (2.5-46V)
- Energy saving, High Efficiency

Application

- Shops
- Home living room/ Dining room
- Residential
- Office/Co working space
- Art museum / Exhibition space
- Track lights
- Emergency lighting systems scc.to EN 50172

Product parameters

Model	Watt Range	Input Voltage	Mains current (mA)	Inrush current (A/μs)	DC Operation Range	Output Voltage	Output Current	Efficiency (typical)	Power factor (full load)	Ripple 100Hz(%)
CC15W100-700CG	0.25-4.60W	220-240VAC	0.05A	9A/22μS	176-280VDC	2.5-46V	100mA	77%	0.55	±5%
	0.37-6.90W		0.06A				150mA	83%	0.68	
	0.50-9.20W		0.07A				200mA	85%	0.83	
	0.62-11.50W		0.08A				250mA	86%	0.86	
	0.75-13.80W		0.09A				300mA	87%	0.89	
	0.87-14.70W		0.10A			2.5-42V	350mA	87%	0.89	
	1.00-14.80W		0.10A			2.5-37V	400mA	86.8%	0.89	
	1.12-14.85W		0.10A			2.5-33V	450mA	86%	0.90	
	1.25-15.00W		0.10A			2.5-30V	500mA	86%	0.90	
	1.37-14.85W		0.11A			2.5-27V	550mA	85%	0.90	
	1.50-15.00W		0.11A			2.5-25V	600mA	85%	0.90	
	1.62-14.95W		0.11A			2.5-23V	650mA	85%	0.90	
	1.75-14.70W		0.11A			2.5-21V	700mA	84%	0.90	
CC23W100-700CG	0.25-4.60W	220-240VAC	0.05A	15A/43μS	176-280VDC	2.5-46V	100mA	76%	0.50	±5%
	0.37-6.90W		0.06A				150mA	82%	0.68	
	0.50-9.20W		0.07A				200mA	84%	0.84	
	0.62-11.50W		0.08A				250mA	86%	0.87	
	0.75-13.80W		0.09A				300mA	87%	0.89	
	0.87-16.10W		0.10A				350mA	87%	0.91	
	1.00-18.40W		0.12A				400mA	88%	0.92	
	1.12-20.70W		0.13A				450mA	88%	0.93	
	1.25-23.00W		0.14A				500mA	88%	0.94	
	1.37-23.10W					2.5-42V	550mA	88%	0.94	
	1.50-22.80W					2.5-38V	600mA	87.5%	0.94	
	1.62-22.75W					2.5-35V	650mA	87%	0.94	
	1.75-23.10W					2.5-33V	700mA	87%	0.94	

Operational temperatures and humidity

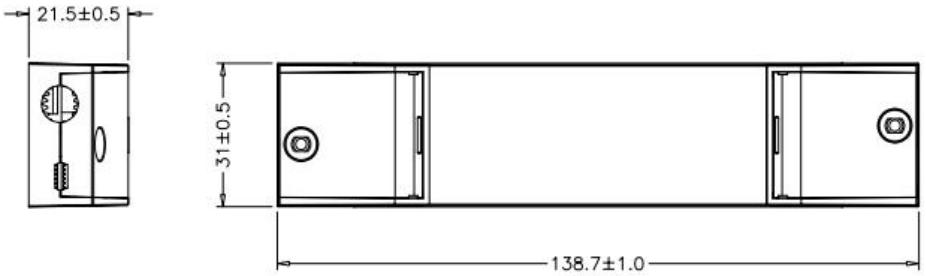
Ambient temperature range	-25 ... +50℃
Operation humidity range	10%....75%/10%....75%RH
Storage temperature range	-25 ... +75℃
Storage humidity range	5 ... 95%
Maximum temperature at tc point	80℃ for 15W 85℃ for 23W

Expected lifetime

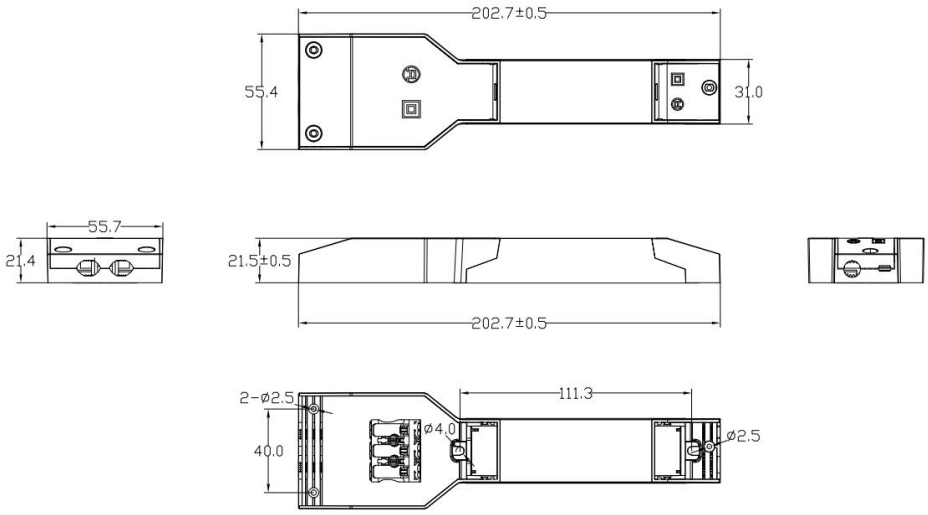
Expected lifetime at measured temp. at tc point	Ta=80℃ for 15W Ta=85℃ for 23W	50000h

Dimensions:

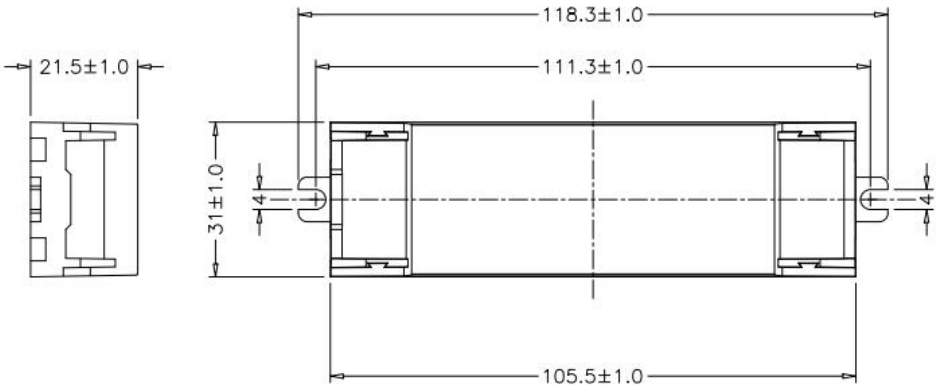
Independent version（SR-R23 input and output end caps） 138.7*31*21.5mm(L*W*H)



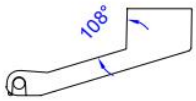
Independent version with strain relief SR-R23-LP mains loop-through and strain relief SR-R23 :202.7*55.4*21.5mm(L*W*H)

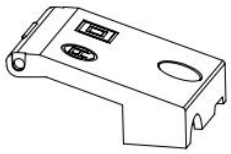


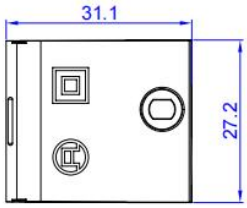
Built in type:118.3*31*21.5mm (L*W*H)

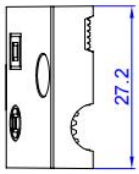


Input/output end-cap strain relief SR-R23 for independent use:
Side cover surface

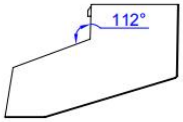


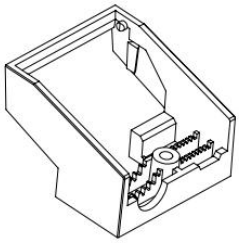


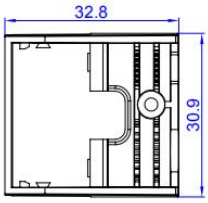


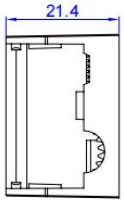


Side cover bottom

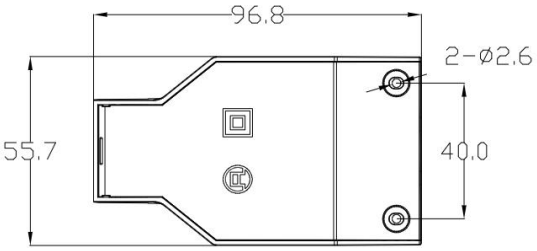




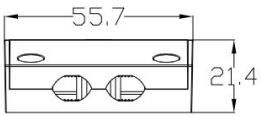




Side cover mains loop-through accessory SR-R23-LP for L+N+PE loop-through:0.75-2.5mm^2

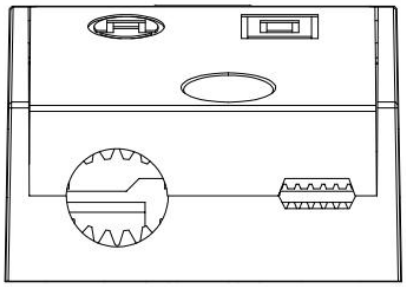




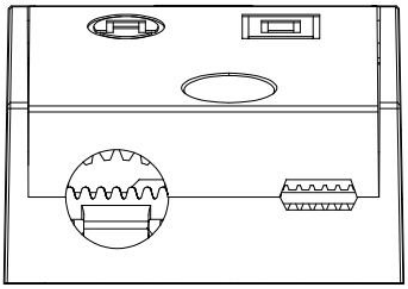


Cable diameter application range

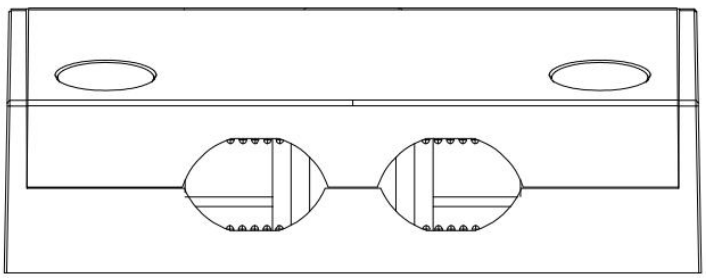
SR-R23 input and output end cap cable wiring range
Round cable：φ8.5-10.5mm
Flat cable thickness：2.-3.5mm



SR-R23 Input and output end cap pressure line clamp cable connection range
Round cable：φ6-8.5mm
Flat cable thickness：6-8.5mm



SR-R23-LP input end cap cable wiring range
Round cable：φ9-12mm
Flat cable thickness：9-12mm



Wiring And Connections

Connectors	Push in terminal
Output wire cross-section	0.5-1.5 mm²
Output wire strip length	8-10 mm
Maximum length	3 m

Product Label

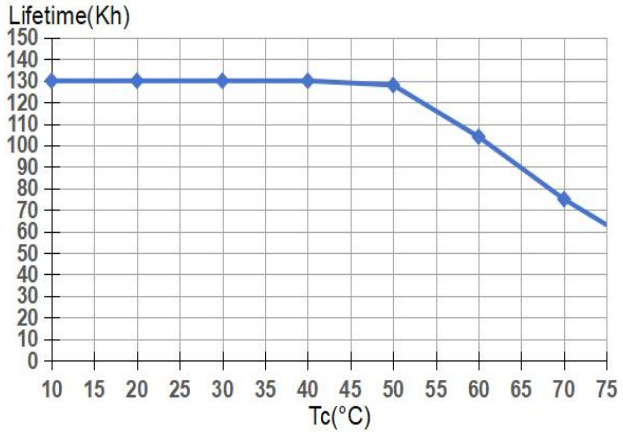




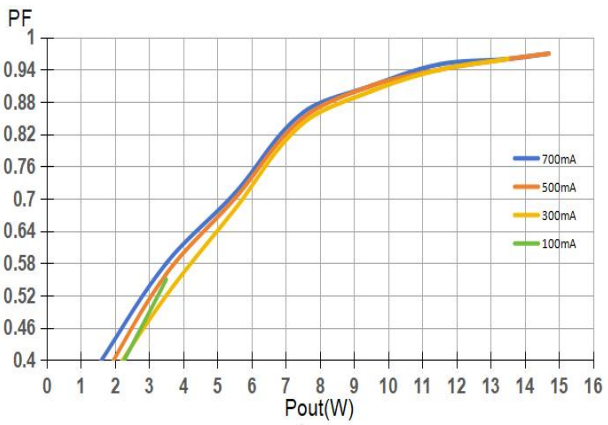
Graphs

CC15W100-700CG

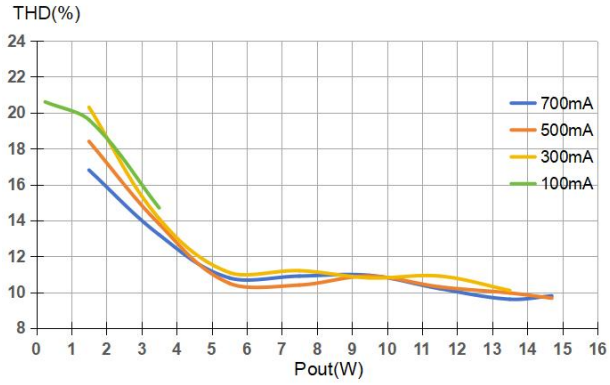
Lifetime vs. Case Temperature



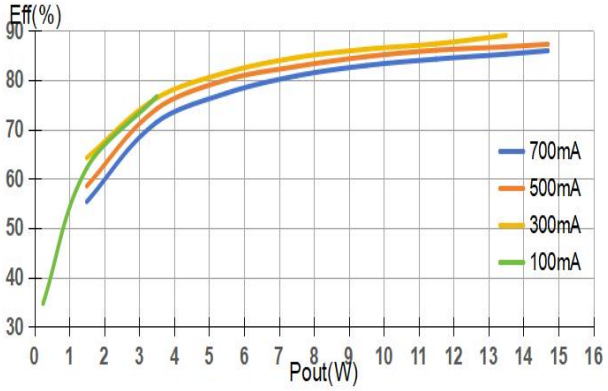
PF vs.Load



THD vs.Load

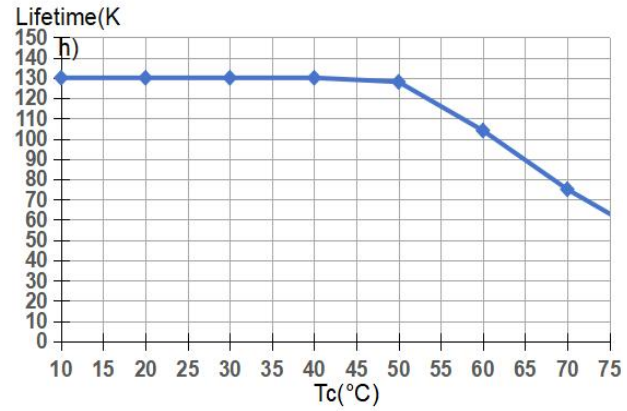


Efficiency vs. Load

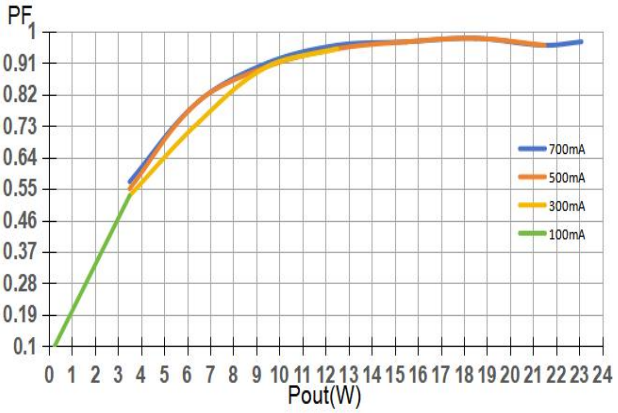


CC23W100-700CG

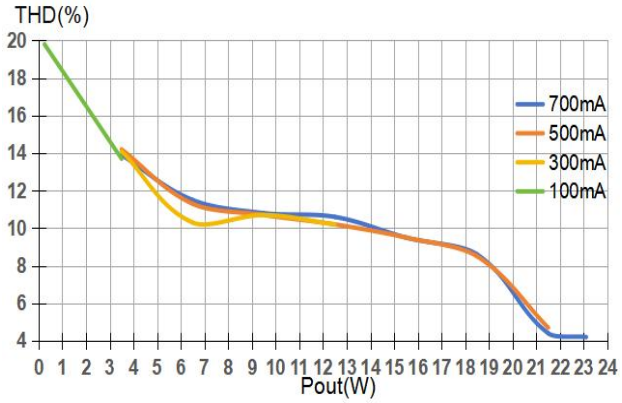
Lifetime vs. Case Temperature



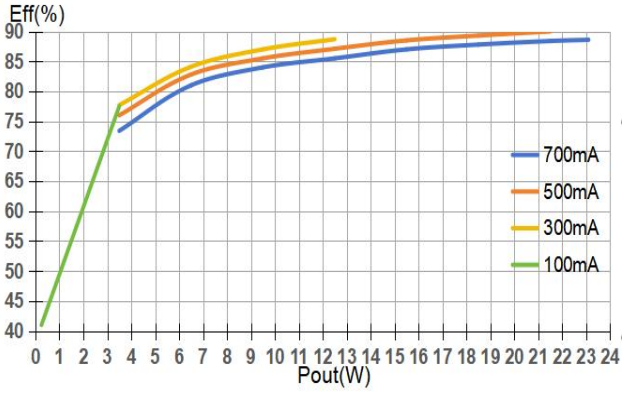
PF vs.Load



THD vs.Load



Efficiency vs. Load



Certificates and standards

EN 61347-1:2015/A1:2021
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020
EN 62493:2015/A1:2022
AS61347.2.13:2018
AS/NZS61347.1:2016 Inc A1 Amd 1:2018
GB 17625.1-2022
GB/T 17743-2021
GB 19510.1-2023
GB 19510.213-2023
EN IEC 55015:2019/A11:2020
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013/A2:2021
EN IEC 61547:2023
BS EN 61347-1:2015/A1:2021
BS EN 61347-2-13:2014/A1:2017
BS EN 62493:2015/A1:2022
BS EN IEC 62384:2020
BS EN IEC 55015:2019
BS EN IEC 55015:2019+A11:2020
BS EN IEC 61000-3-2:2019/A1:2021
BS EN 61000-3-3:2013+A2:2021
BS EN IEC 61547:2023

Safety Features

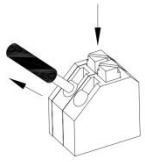
- Transient mains peaks protection:
  Values are in compliance with EN62384
  (Interference Immunity)
  Surges between L-N:up to 2kV
- Short-Circuit Protection: The control gear is protected against
- Permanent short-circuit with automatic restart function.
- Overload Protection: The control gear only works in range of rated output power and voltage (< 60VDC)
- Please check before switch-on mains power supply that the selected LED load is
  suitable (see Electrical Characteristics on data sheet).
- Overheating: The control gear has overheating protection.
- No Load Operation: The control gear is protected against no load operation(open load)
- If any of the above mentioned safety functions will be triggered disconnect the control gear from the power supply then
- Find and eliminate the cause of the problem.

- SELV
- SVM≤0,4
- PstLM≤1
- Open Circuit Voltaje (Umax):60V
- Noise:≤ 20dB @Background noise ≤15dB, Interval≥30cm
- Insulation voltage: 3000V 5mA 60S between P-S
- Leakage current: I/P to O/P <0.7mA

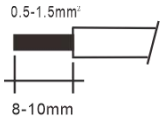
Electrical installation

- Connection terminals: Push-in terminals for rigid or flexible conductors with a section of
  Built-in:0,5-1,5mm² cable
- Stripped Length: 8-10mm
- Wiring: The mains conductor within the luminaire must be kept short
- Polarity: Please ensure the correct polarity of the leads.
  Reversed polarity can destroy the modules.
- Secondary Load: The sum of forward voltages of LED
  loads is within the tolerances which are mentioned in the Electrical Characteristics on the data sheet.
- Parallel Wiring: Parallel connection of LED loads is not allowed.

Press down the "Push Button"
and remove the cable from front.

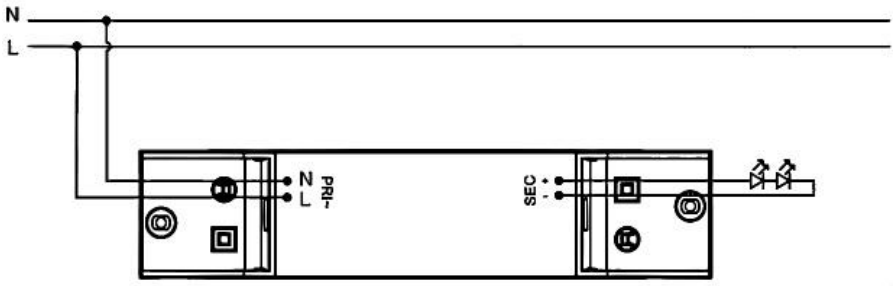


Wire Preparation

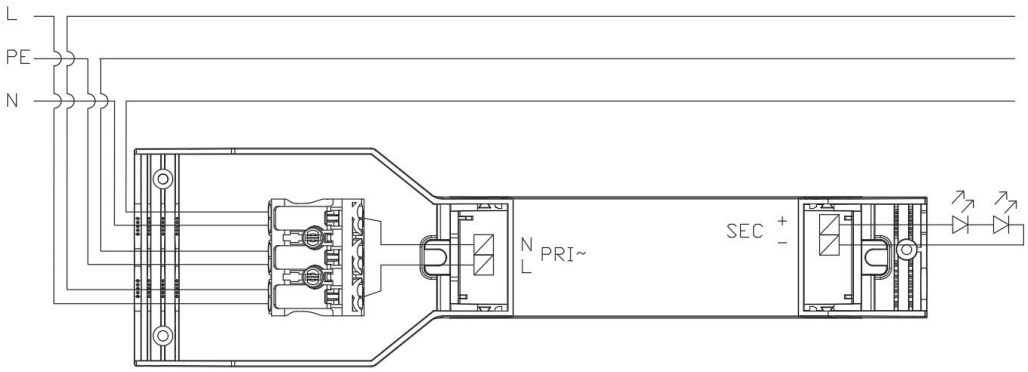


Wiring Diagram:

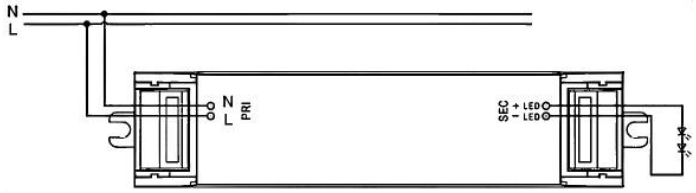
Independent



Independent + loop-through (remark: add PE wiring)



Built-in



Number of drivers per cut-out type

Type	B10A	B13A	B16A	B20A	B25A	C10A	C13A	C16A	C20A	C25A	D10A	D13A	D16A	D20A	D25A
CC15W100-700CG	72	93	116	144	180	72	93	116	144	180	72	93	116	144	180
CC23W100-700CG	57	74	91	114	142	57	74	91	114	142	57	74	91	114	142

Packaging unit

Independent type（with 2X end cap strain relief SR-R23）：

Model	Packaging Carton	Packaging Pallet	CartonL*W*H (mm)	Net weight/ Pcs (g)	Net weight/ Carton (kg)	Gross weight/Carton (kg)
CC15W100-700CG CC23W100-700CG	140	56	380*250*155	58	8.12	8.62

Built in type（without end cap strain reliefs）：

Model	Packaging Carton	Packaging Pallet	CartonL*W*H (mm)	Net weight/ Pcs (g)	Net weight/ Carton (kg)	Gross weight/Carton (kg)
CC15W100-700CG CC23W100-700CG	165	42	447*240*200	70	11.55	12.26

Revision history

DATE	REV	REMARK
2026.04.13	V1.0	Initial release
2026-7-31	V1.1	Änderung der Effizienz von 100mA, 400mA und 600mA