



Model	Item Code	Output current	Input current	Input power	Output power range	PF	Efficiency	Output voltage	No load voltage
CC36W150-900-0-10-NX	157850	150mA	0.05A	9.00W	1.50-7.50W	0.76	83%	10-50V	65V Max.
		200mA	0.06A	11.70W	2.00-10.00W	0.82	85%		
		250mA	0.07A	14.30W	2.50-12.50W	0.86	87%		
		300mA	0.08A	17.00W	3.00-15.00W	0.89	88%		
		350mA	0.09A	19.80W	3.50-17.50W	0.90	88%		
		400mA	0.10A	22.40W	4.00-20.00W	0.92	89%		
		450mA	0.11A	25.20W	4.50-22.50W	0.93	89%		
		500mA	0.12A	28.00W	5.00-25.00W	0.93	89%		
		550mA	0.14A	30.80W	5.50-27.50W	0.94	89%		
		600mA	0.15A	33.70W	6.00-30.00W	0.95	89%		
		650mA	0.16A	36.50W	6.50-32.50W	0.95	89%		
		700mA	0.17A	38.80W	7.00-35.00W	0.95	90%		
		750mA	0.16A	35.30W	7.50-31.50W	0.95	89%	10-42V	
		800mA	0.17A	37.70W	8.00-33.60W	0.95	89%		
		850mA	0.18A	40.10W	8.50-35.70W	0.96	89%		
		900mA	0.18A	40.40W	9.00-36.00W	0.96	89%	10-40V	

* Test result @230V, 50Hz, Full Load.

1. Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming range	0%-100%
	Output Features	Isolation
	IP Grade	IP20

	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Range of DC Input Voltage	180-280VDC
	Frequency	0/50/60Hz, Range:0/47-63Hz
	Overvoltage protection	2h@380VAC, 48h@320VAC
	Input Current	≤0.18A max
	Input Power	≤40.40W max
	Power Factor	≥0.96 (230VAC , full load)
	THD	≤9% (230VAC , full load)
	No-load Power Consumption	≤0.5W (230VAC , full load)
	Inrush Current	≤8.5A/16us (230VAC, full load)
	Connected quantity of 10A Breaker	22pcs/type A ; 36pcs/type B ; 58pcs/type C
	Connected quantity of 13A Breaker	29pcs/type A; 47pcs/type B ; 76pcs/type C
Output	Connected quantity of 16A Breaker	36pcs/type A; 58pcs/type B ; 94pcs/type C
	Connected quantity of 20A Breaker	45pcs/type A; 73pcs/type B ; 117pcs/type C
	Output Voltage Range	10-50VDC@150-700mA 10-42VDC@750-850mA 10-40VDC@900mA
	No Load Voltage	65VDC Max.
	Output Current	150-900mA (Factory set current of 150mA)
	Max. Output Power	36W
	Efficiency	≥90% @700mA, 230VAC
	Output LF current ripple (< 120 Hz)	±3% (Imax-Imin) / (Imax+Imin)
	Current Accuracy	±5%
	PSTLM	≤1
	SVM	≤0.4
Protection	Starting Time (AC mode)	≤0.5S (230VAC, full load)
	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery (not be hot swap)
	No-load Protection	Auto Recovery
	Insulation voltage	3000V 5mA 60S between P-S
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	<700μA,I/P to O/P @230V input
Environment	Ta/Operation Temperature	-20....+50℃
	Ts/Storage Temperature	-20....+90℃
	Tc/Enclosure Temperature	90℃
	Humidity	10%.... 90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Build-in & Independent
	PRI Wire preparation	0.5-1.5□/ 8-9mm
	SEC Wire preparation	0.5-1.5□/ 8-9mm

	SEC Wire preparation	0-0.8±0.05m (The EMC test results were achieved at approximately 0.8 meters) (the length required by the standard). If there are any data differences, please test according to the length required by the standard)
	Dimension	128*30*21mm (L*W*H)
Standards	Certification	CE
	Safety Standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017;
	Performance	EN62384
	Surge	L/N-PE:2kV; L-N:1kV
Others	RoHS	complied to 2011/65/EU
	Life Time	50000h Tc=90°C
		75000h Tc=85°C
		100000h Tc=80°C
	Warranty	5years , F.R. < 10000ppm

Remark:

- 1.All Parameters,if not specified,are measured at 230VAC/50Hz and 25°C ambient temperature.
- 2.LED Driver is a component of the luminaires. Luminaires and wire layout will affect the EMC, please check the EMC with end products again.

Distance	15m	30m	50m
Cable selection	0.5mm ²	0.75mm ²	1.0mm ²

2. Label




NEXIVO
by KGP Electronics GmbH
Hueckstraße 19
DE-58511 Lüdenschied

CC36W150-900-0-10-NX
157850 LED Dimmable Driver
Constant Current Type for
operation with LED modules only
PRI:220-240VAC 0/50/60Hz
Max. 0.18A
Range of application:180-280VDC
SEC:150-900mA 10-50VDC
U-OUT:65VDC

wire preparation
8-9mm

PRI: 0.5-1.5"
SEC: 0.5-1.5"

SELV 110V

tc=90°C ta=50°C

Pout (W)	Iout (mA)	PF	1	2	3	4	Pout (W)	Iout (mA)	PF	1	2	3	4
7.5	150	0.76C	-	-	-	-	27.5	550	0.95	ON	-	-	-
10.0	200	0.82C	-	-	-	ON	30.0	600	0.96	ON	-	-	ON
12.5	250	0.87C	-	-	ON	-	32.5	650	0.96	ON	-	ON	-
15.0	300	0.90C	-	-	ON	ON	35.0	700	0.96	ON	-	ON	ON
17.5	350	0.92C	-	ON	-	-	31.5	750	0.96	ON	ON	-	-
20.0	400	0.93C	-	ON	-	ON	33.6	800	0.97	ON	ON	-	ON
22.5	450	0.94C	-	ON	ON	-	35.7	850	0.97	ON	ON	ON	-
25.0	500	0.94C	-	ON	ON	ON	36.0	900	0.97	ON	ON	ON	ON

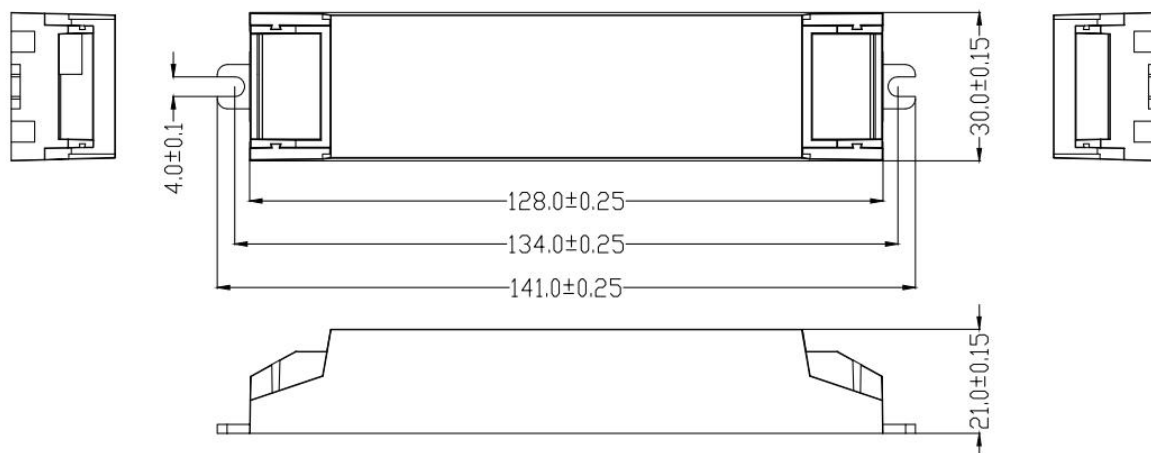



3. Output current setting

Output Current	1	2	3	4
150mA	-	-	-	-
200mA	-	-	-	ON
250mA	-	-	ON	-
300mA	-	-	ON	ON
350mA	-	ON	-	-
400mA	-	ON	-	ON
450mA	-	ON	ON	-
500mA	-	ON	ON	ON
550mA	ON	-	-	-
600mA	ON	-	-	ON
650mA	ON	-	ON	-
700mA	ON	-	ON	ON
750mA	ON	ON	-	-
800mA	ON	ON	-	ON
850mA	ON	ON	ON	-
900mA	ON	ON	ON	ON

4. Dimension (Unit: mm)

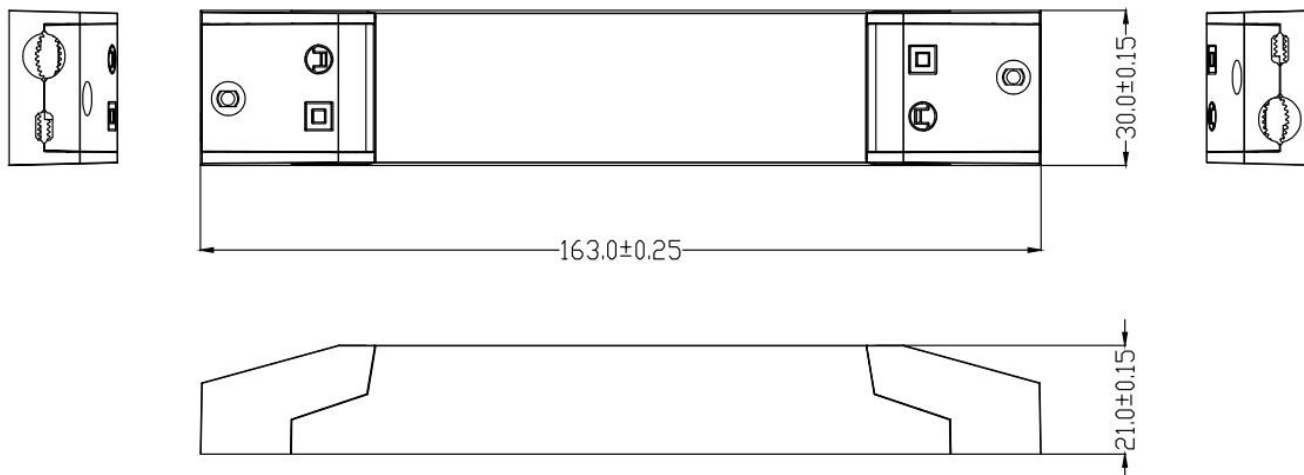
Built in type:



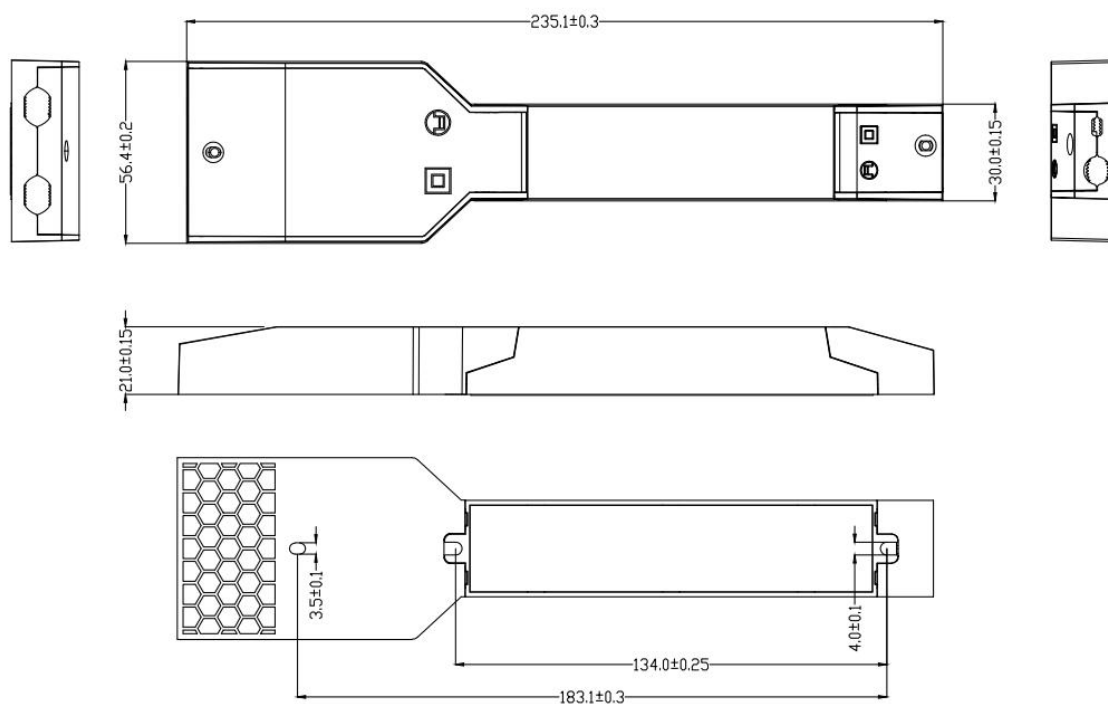
Compatible Small Strain reliefs:SR_CC_15-23-36_UNI

Compatible Large Strain reliefs:SR_CC_15-23-36_5POL

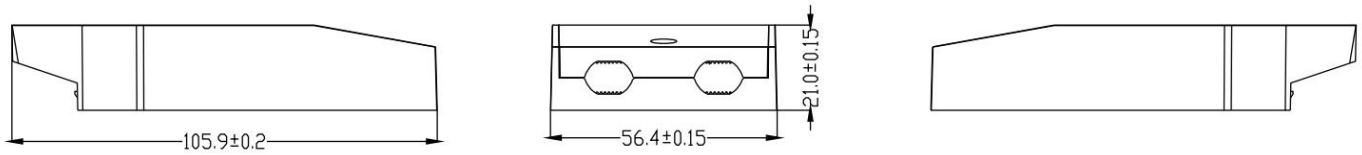
Small Strain reliefs



Large Strain reliefs



Large Strain reliefs specifications



Tolerance for dimensions ± 0.1 mm

Mechanical, Operating & Storage Conditions

Driver cross-section dimensions: 55.4-57.4 x 20.0-22.0 mm

Wire size: 0.5 - 2.5 mm²

Ambient temperature range: -20...+50 °C

Storage temperature range: -20...+85 °C

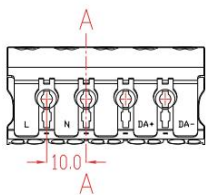
Assembly temperature range: +5...+30 °C

Do not store in wet or humid environment!

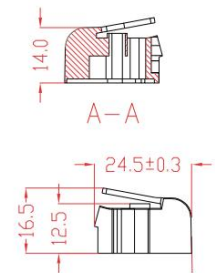
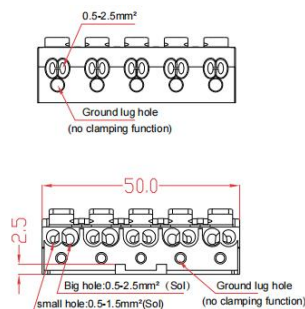
*Unless otherwise stated in the driver datasheet (for independent installation).

Note! Tc max temperature of the driver shall not be exceeded.

Terminal

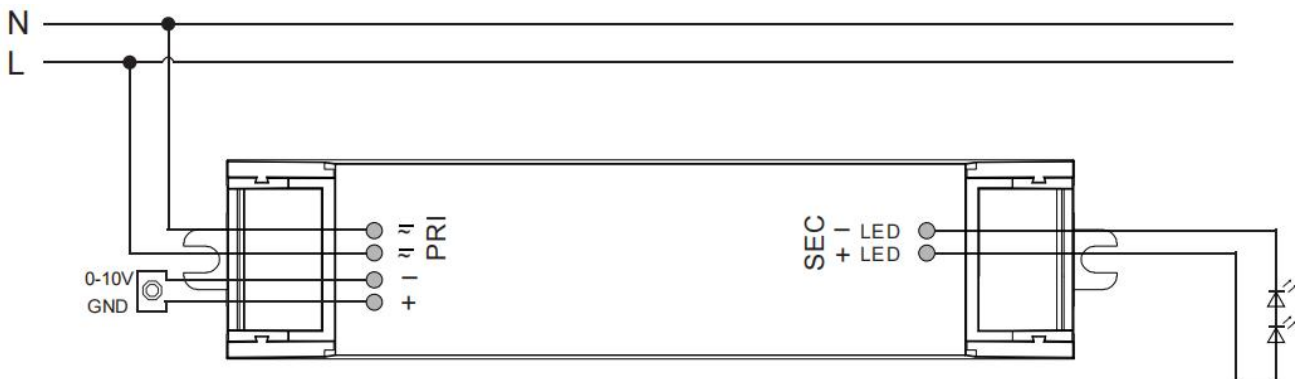


5 - pole connector for DA / CC drivers with LC-SRB-LOOP

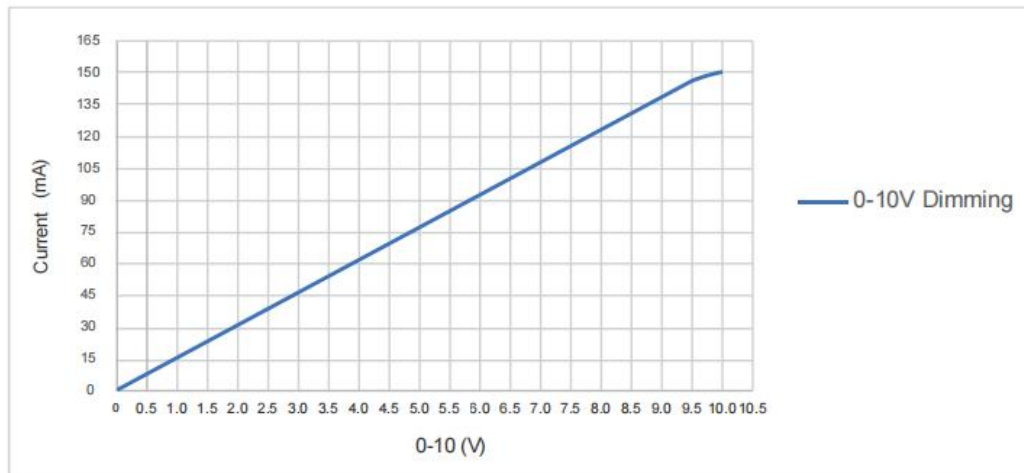


5. Wiring Diagram

220-240 V
0/50/60 Hz



6. 0-10V Dimming Current curve (DIP setup output current @ 150mA)

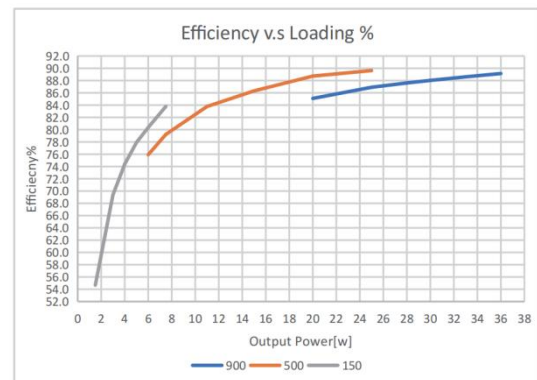


7. Electrical values

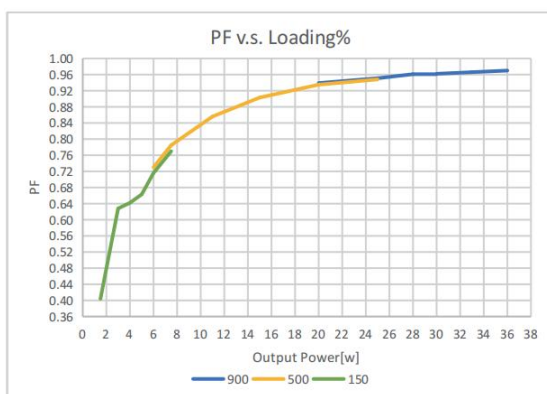
1. Operating power windows



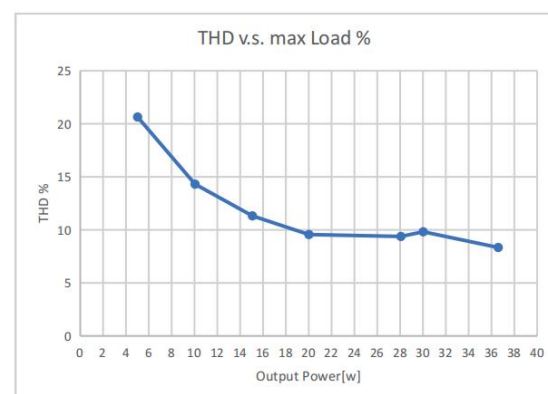
2. Efficiency v.s. Load



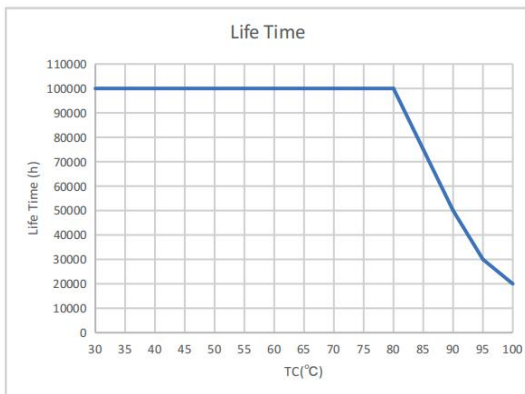
3. PF v.s. Load



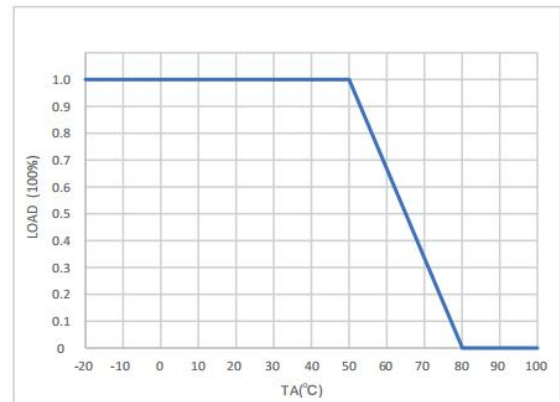
4. THD v.s. Load



5. Life time

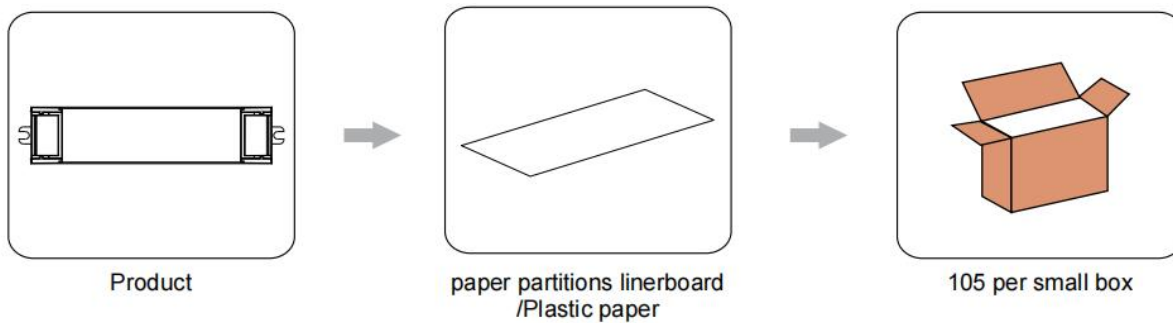


6. Derating



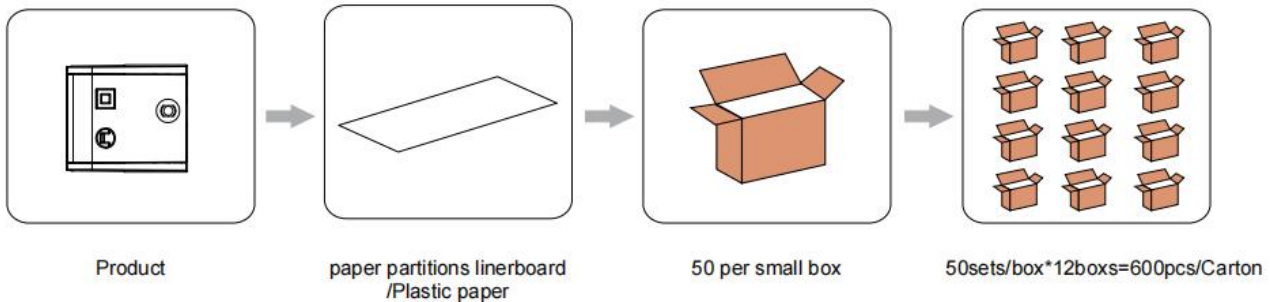
8. Packing information

Built-in type



Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
398*230*130	105	0.107	11.30	11.80

Small Strain reliefs



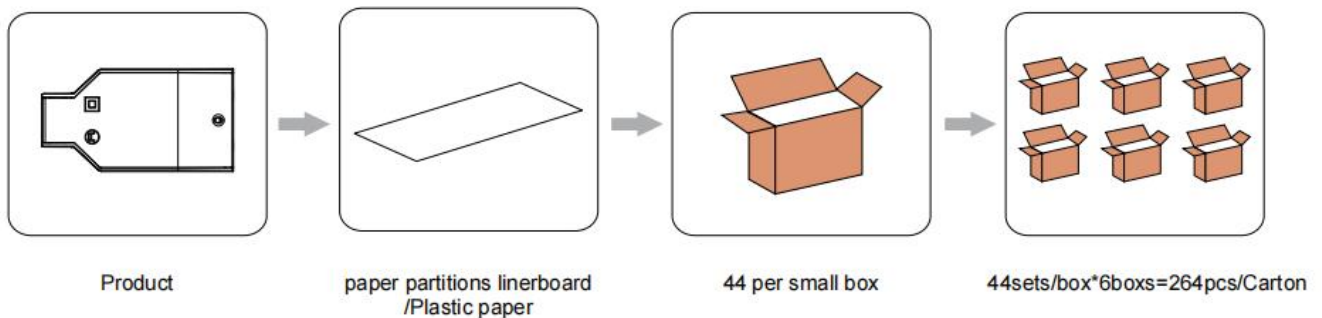
Inner box

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
180*118*75	50	0.007	0.36	0.47

Outer box

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
500*195*245	600	0.007	4.26	5.56

Large Strain reliefs



Inner box

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
300*180*122	44	0.055	2.42	2.77

Outer box

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
375*315*385	264	0.055	14.52	16.16

9. Ordering Data

Model No	Item code
CC36W150-900-0-10-NX	157850
SR_CC_15-23-36_UNI	147841
SR_CC_15-23-36_5POL	147851

10. REVISION HISTORY

Date	Revision	Remark
2026.16.03	V0.01	Product release
2026.27.06	V0.02	Increase the current at the highest efficiency point, Add the logo for applying for ENEC certification