



### Constant Current Driver

**Model:** CC9WYYYCGA7  
 CC12WYYYCGA7  
 CC15WYYYCGA7  
 CC18WYYYCGA7  
 CC21WYYYCGA7



Model	Output Current (230V Full Load)	Input Current (230V Full Load)	Input Power (230V Full Load)	Output Power Range	PF (Full Load)	Efficiency (Full Load)	Output Voltage	No load Voltage
CC9W200CGA7	200mA	0.06A	12W	6.6-9W	0.92	83%	33-45V	55V
CC9W300CGA7	300mA	0.06A	12W	6.6-9W	0.92	83%	22-30V	40V
CC9W350CGA7	350mA	0.06A	12W	5.95-8.75W	0.92	83%	17-25V	35V
CC9W450CGA7	450mA	0.06A	12W	6.3-9W	0.92	83%	14-20V	30V
CC9W500CGA7	500mA	0.06A	12W	5.5-9W	0.92	82%	11-18V	28V
CC12W300CGA7	300mA	0.08A	16W	9-12W	0.92	83%	30-40V	50V
CC12W350CGA7	350mA	0.08A	16W	8.75-11.9W	0.92	83%	25-34V	45V
CC12W450CGA7	450mA	0.08A	16W	8.55-11.7W	0.92	83%	19-26V	36V
CC12W500CGA7	500mA	0.08A	16W	8.5-12W	0.92	83%	17-24V	35V
CC12W550CGA7	550mA	0.08A	16W	7.7-12.1W	0.92	83%	14-22V	32V
CC15W300CGA7	300mA	0.1A	19W	10.8-15W	0.92	84%	36-50V	60V
CC15W350CGA7	350mA	0.1A	19W	10.5-14.7W	0.92	84%	30-42V	55V
CC18W300CGA7	300mA	0.11A	23W	13.5-18W	0.92	84%	45-60V	75V
CC18W350CGA7	350mA	0.11A	23W	12.6-18.2W	0.92	84%	36-52V	60V
CC18W450CGA7	450mA	0.11A	23W	13.5-18W	0.92	84%	30-40V	50V
CC18W500CGA7	500mA	0.11A	23W	11-18W	0.92	84%	22-36V	46V
CC18W550CGA7	550mA	0.11A	23W	12.1-18.15W	0.92	84%	22-33V	43V
CC18W600CGA7	600mA	0.11A	23W	11.4-18	0.92	84%	19-30V	40V
CC18W700CGA7	700mA	0.11A	23W	11.9-18.2W	0.92	84%	17-26V	36V
CC21W300CGA7	300mA	0.13A	26W	15-20.4W	0.92	85%	50-68V	80V
CC21W350CGA7	350mA	0.13A	26W	15.75-21W	0.92	85%	45-60V	75V
CC21W450CGA7	450mA	0.13A	26W	14.85-22.05W	0.92	85%	33-49V	60V
CC21W500CGA7	500mA	0.13A	26W	15-21W	0.92	85%	30-42V	52V
CC21W550CGA7	550mA	0.13A	26W	16.5-22W	0.92	85%	30-40V	50V

CC21W600CGA7	600mA	0.13A	26W	15-21W	0.92	85%	25-35V	45V
CC21W700CGA7	700mA	0.13A	26W	15.4-21W	0.92	85%	22-30V	40V

## 1. Parameters

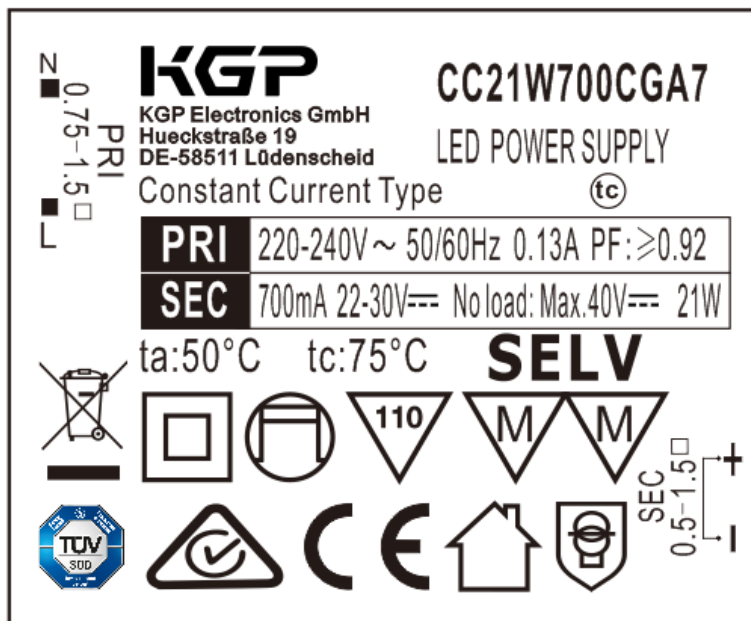
category	Item	Technical Norm
Features	Output Type	Constant Current
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	Input Current	≤0.13A (198VAC, full load)
	Input Power	≤ 26W (230VAC, full load)
	Power Factor	≥0.92 (230VAC, full load)
	THD	≤15% (230VAC, full load)
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤43A/2.28us (230VAC, Full-load)
	Connected quantity of 16A Breaker	12pcs/type B ; 19pcs/type C @ 230Vac
Output	Current Accuracy	±5%
	Max. Output Power	21W
	Started Delay Time	≤0.5S (230VAC, full load)
	Current Ripple	±7% (Ip-p)
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation voltage	I/P to O/P , 3KVac/1min
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	I/P to O/P < 250 μ A
Environment	Ta/Operation Temperature	-20....+50°C
	Ts/Storage Temperature	-25....+75°C
	Tc/Enclosure Temperature	75 °C
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Screw Terminal
	Installation	Independent
	PRI Wire preparation	0.75-1.5 <sup>□</sup>
	SEC Wire preparation	0.5-1.5 <sup>□</sup>
	Dimension	88.5X41.3X23mm (L*W*H)
Standards	Certification	TUV、SAA、CE
	Safety Standards	EN61347-1:2015,EN61347-2-13:2014/A1:2017, EN62493:2015, AS/NZS IEC61347.2.13:2013,

		AS/NZS 61347.1:2016
	EMC Standards	EN55015:2013/A1:2015,EN61000-3-2:2014,EN61000-3-3:2013,EN61547:2009
	Performance	EN62384
	Surge	L-N/0.5KV
Others	RoHS	complied to 2011/65/EU
	Life Time	50,000h @50°C
	Warranty	5years , F.R. < 10000ppm

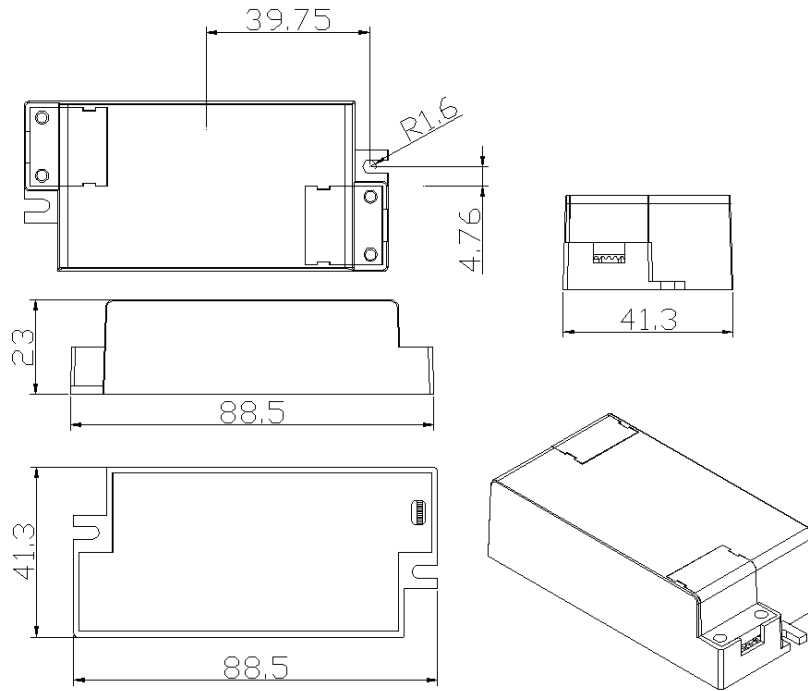
**Remark**

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.

### 2. Label (For example)



### 3. Dimension (Unit: mm)



### 4. Packing information

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
447*240*200	170	0.065	11.05	11.08

### 5. Wiring Diagram

