



Features :

- 100-130/170-264VAC
- Protection: Short circuit/overload/overvoltage
- Working temperature with 60°C
- Cooling by free air convection
- 100% full load burn-in test
- Warranty: 5 Years
- Support: DALI

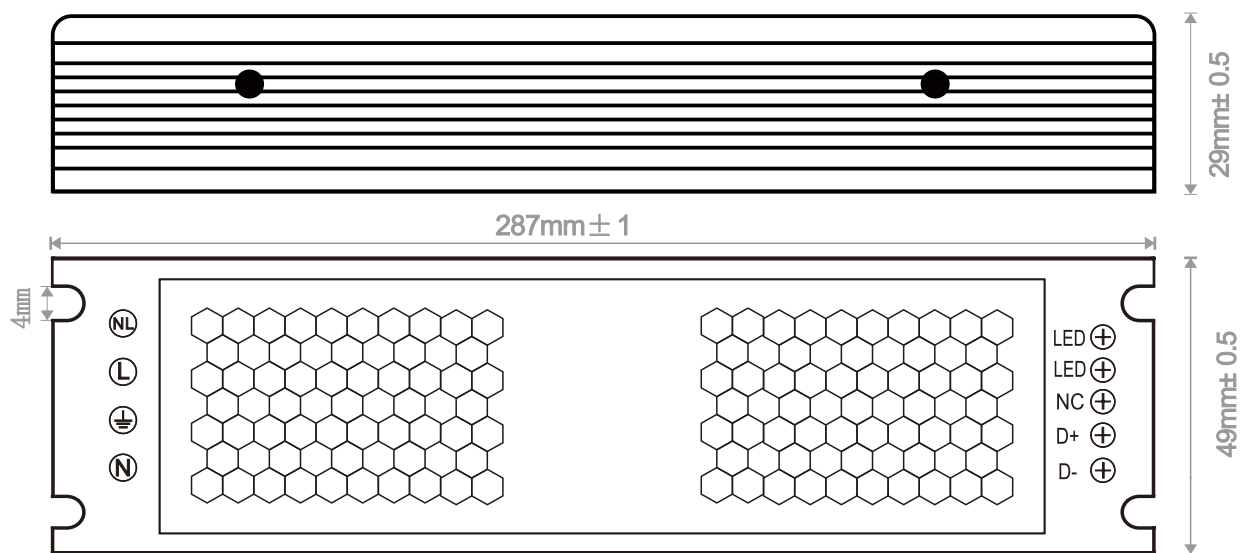
Specification

CE RoHS BIS SELV IP20

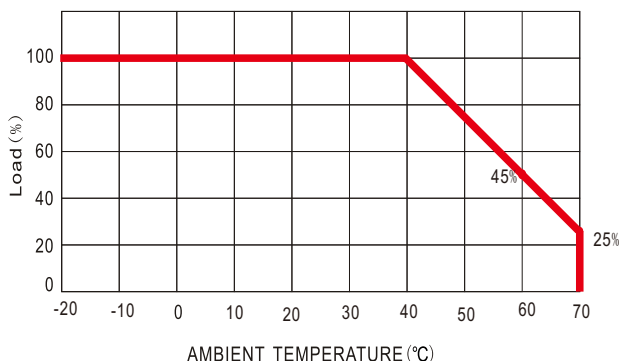
	Model	QPEC-CV-100-24-4.2A-D-IP20
Output	DC Voltage	24V
	Voltage Tolerance	±0.5V
	Rated Current	0 – 4.2A
	Rated Power	100W
	Ripple & Noise	150mVp-p
Input	Voltage Range	200-240VAC
	Frequency Range	50 – 60HZ
	Power Factor	PF ≥ 0.5/230VAC (Full loading)
	Full Load Efficiency(Typ.)	85%
	AC Current (Max.)	1.22A
	Leakage Current	<0.5mA/260VAC
	Inrush Current	≤ 60A
Protection	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed.
	Over Load	Hiccup mode, recovers automatically after fault condition is removed
	VIBRATION	10-500Hz 2G10min
	BURNT-IN TEST	Input voltage: 220V 50Hz rated output current 25°C Burn-in 2h
Environment	Over Temperature	100°C±10°C shut down o/p voltage, re-power on to recover
	Working TEMP.	-20 ~ + 50°C
	Working Humidity	20~60%RH, non-condensing
	Storage TEM., Humidity	-20~+ 85%, 10~95%RH
	START RISE HOLD TIME	1500ms, 20ms, 50ms/230VAC at full load
Safety & EMC	Vibration	10 – 500Hz, 5G 12min./1 cycle, period for 60min. each along X,Y,Z axes.
	Safety Standards	CE Mark
	Withstand Voltage	I/P – O/P: 1.5KVAC I/P – GND: 1.5KVAC
	EMC Immunity	EN55015:2013; EN61547:2009; EN61000-3-2:2014; EN61000-3-3:2013
Others	Weight	0.36Kg
	Dimension	287x49x29mm (LxWxH)
	Packing	50pcs/CTN
Notes	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Tolerance: includes set up tolerance, line regulation and load regulation. 3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must be qualified EMC Directive on the complete installation again.	



Mechanical Specification



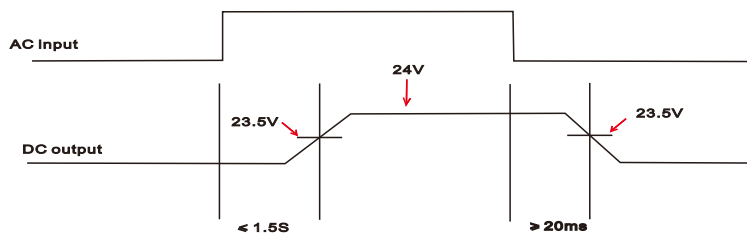
Derating Curve



Package

DIMENSION	287x49x29 (mm) (L×W×H)
CARTON QUANTITY	50PCS/Carton
CARTON SIZE	370x300x29.5 (mm)
WEIGHT	360g /PCS

Switching Time Curve:



Dimming Operation

