16W, 25W Single Output AC Dimmable Power Unit

- 115VAC(90~135VAC) or 230VAC(180~295VAC) input
- Built-in active PFC function
- Constant current design
- Fully isolated plastic case
- Class II design, without FG
- Work with leading edge and trailing edge dimmers
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- 3 years warranty

AC input voltage range .....115VAC (90~135VAC) or 230VAC (180~295VAC)
AC inrush current .....Cold start, 40A at 230VAC
DC adjustment range ..... ±10% rated output voltage
Overload protection .....95% ~110% constant current, auto-recovery
Over voltage protection .... 105%~135% shut off, re-power on to recovery
Withstand voltage ..... I/P - O/P: 3.75kVAC
Working temperature .....-30ºC~+60ºC (refer to output derating curve)
Safety standards .....Design refer to TUV EN61347-1, EN61347-2-13, UL8750
EMC standards ..... A Type: FCC part 18
B Type: EN55015 class B, EN61000-3-2 Class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61547

❖ PCD-16 series

Model No.	Output	Tol.	R&N	Effi.
PCD-16-350☐	24~48V, 350mA	±10%	4.6V	82.0%
PCD-16-700☐	16~24V, 700mA	±10%	2.7V	81.0%
PCD-16-1050☐	12~16V, 1050mA	±10%	2.2V	80.5%
PCD-16-1400☐	8~12V, 1400mA	±10%	2.0V	80.0%

☐=A or B type ; A type: 90~135VAC, B type: 180~295VAC

❖ PCD-25 series

Model No.	Output	Tol.	R&N	Effi.
PCD-25-350☐	40~58V, 350mA	±10%	4.6V	82.0%
PCD-25-700☐	24~36V, 700mA	±10%	2.7V	81.0%
PCD-25-1050☐	16~24V, 1050mA	±10%	2.2V	80.5%
PCD-25-1400☐	12~18V, 1400mA	±10%	2.0V	80.0%

☐=A or B type ; A type: 90~135VAC, B type: 180~295VAC