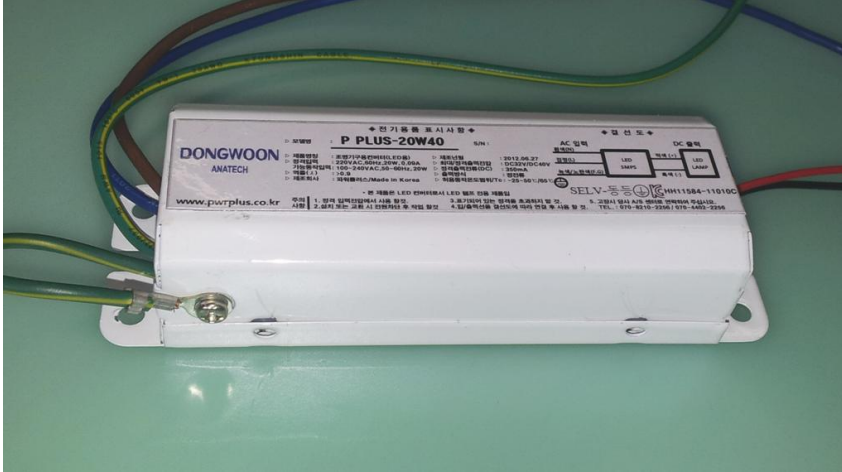


P PLUS-20W

10W~20W Single Output with PFC



Features

- Ultra slim size
- Universal input  
(AC 100-240V Wide input voltage range)
- Constant output current
- Built-In OCP, SC
- Isolated Input-Output
- PF>0.9 For 90% of load
- Low output ripple & noise
- RoHS compatible design
- Applications
  - LED DownLight 6"~8"
  - TUBE 600mm

**"KS C 7655 PASS"** 

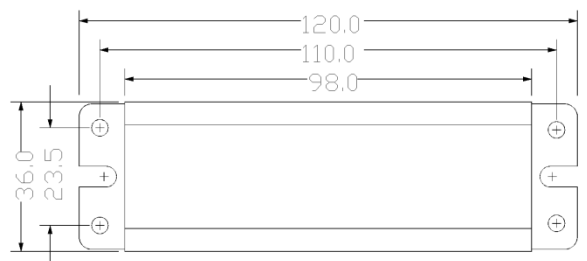
Electrical characteristics

Model No.	P PLUS-20W
AC input range	100V~240VAC/ 50~60Hz
AC inrush current (max)	Cold start, 10A at 220VAC
Output Method	CC MODE
CC adjustment range	Can be control CC mode ( $\pm 10\%$ )
Overload protection	110%~120% constant current limiting, auto-recovery
Withstand voltage	I/P-O/P:3.8kVAC, I/P-FG:1.8kVAC
Working temperature	-30~+60°C
Connection	Input:[0.75SQ*3C]/ L=Brown, N=Bluesky, F,G=Green/Yellow
	Output:[22AWG]/ V+ =RED or Red V- = Black

Model No	Output	Tol	R&N	Efficiency
P PLUS-20W24A	24V, 0~700mA	$\pm 3\%$	150mV	83%
P PLUS-18W30	30V, 0~500mA	$\pm 3\%$	200mV	84%
P PLUS-20W40	40V, 0~350mA	$\pm 3\%$	200mV	85%
P PLUS-20W-48	48V, 0~350mA	$\pm 3\%$	200mV	85%

10W~20W

**Dimension**  
(L\*W\*H)120\*36\*25[mm]  
**Weight: 130g**



**P PLUS-27W/30W**

**20W~30W/ 20VA~30VA Single Output with PFC**



Metal Case



Plastic Case

**Features**

- General size · Universal input (AC 100-240V Wide input voltage range)
- Constant output current · Built-In OCP,SC · Isolated Input-Output
- PF>0.9 For 70% of load · Low output ripple & noise
- RoHS compatible design

**Applications**

- LED Tube(T8,T10), Sign

**“KS C 7655 PASS”**



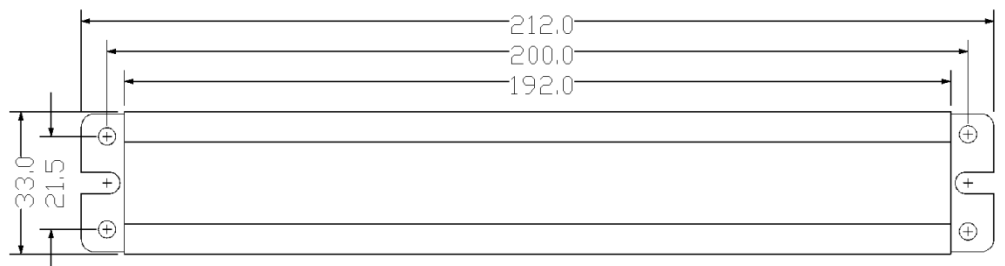
**Electrical characteristics**

Model No.	P PLUS-27W/30W
AC input range	100V~240VAC/ 50~60Hz
AC inrush current (max)	Cold Start, 9A at 220VAC
Output Method	CC MODE
CC adjustment range	Can be control CC mode (±10%)
Overload protection	110%~120% constant current limiting, auto-recovery
Withstand voltage	I/P-O/P:3.8kVAC, I/P-FG:1.8kVAC
Working temperature	-30~+60 °C
Connection	Input:[0.75SQ*3C]/ L=Brown, N=Bluesky, F.G=Green/Yellow
	Output:[22AWG*2C]/ V+ =RED, V- =BLACK

Model No	Output	Tol	R&N	Efficiency
P PLUS-27W39A	39V, 0~570mA	±3%	150mV	88%
P PLUS-27W48	45V, 0~570mA	±3%	200mV	88%
P PLUS-30W48	45V, 0~570mA	±3%	200mV	87.5%
P PLUS-30W48A	45V, 0~570mA	±3%	200mV	87.5%

■ 27W/30W  
20VA~30VA

**Dimension**  
(L\*W\*H)212\*33\*27 [mm]  
**Weight: 160g (PSE)**  
**200g (KC)**



**P -50W2CH**

**40W~50W /40VA~50VA Two Output with PFC**

**Dimming(PWM & 0~10 Analog)  
Flicker Free**



**Features**

- General size
- Universal input
- (AC 100-240V Wide input voltage range)
- Constant output current
- Built-In OCP,SC,
- Isolated Input-Output
- PF>0.9 For 85% of load
- Low output ripple & noise
- RoHS compatible design

**Applications**

- LED Tube, Sign ,DFL

**“KS C 7655 PASS”**



**Electrical characteristics**

Model No.	P-50W2CH
AC input range	100V~240VAC/ 50~60Hz
AC inrush current (max)	Cold Start, 15A at 220VAC
Output Method	CC MODE X2CH
CC adjustment range	Can be control CC mode (±10%)
Overload protection	110%~120% constant current limiting, auto-recovery
Withstand voltage	I/P-O/P:3.8kVAC, I/P-FG:1.8kVAC
Working temperature	-30~+60 °C
Connection	Input:[PSE 0.75SQ*2C]/ L=BLACK, N=WHITE
	Output:[CONNECTOR]/ 2CN1:1=V+ 2CN1:2=V- , 2CN2:1=V+ 2CN2:2=V-

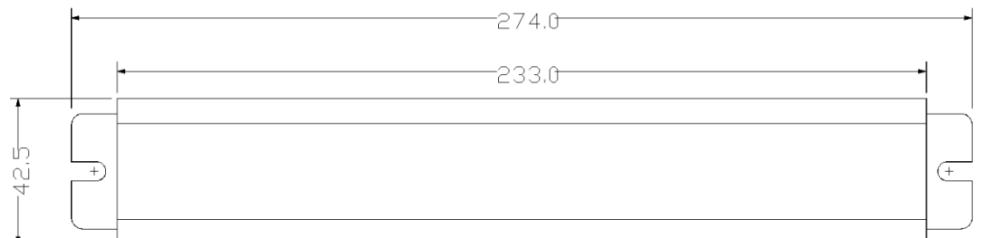
Model No	Output	Tol	R&N	Efficiency
P-50W2CH	40V, 0~550mA *2CH	±3%	150mV	86%
P-50W2CH-A	48V, 0~500mA *2CH	±3%	200mV	86%
P-45W2CH	40V, 0~500mA *2CH	±3%	200mV	86%
P-45W2CH-A	48V, 0~450mA*2CH	±3%	200mV	86%

■ 40W~50W/40VA~50VA

**Dimension**

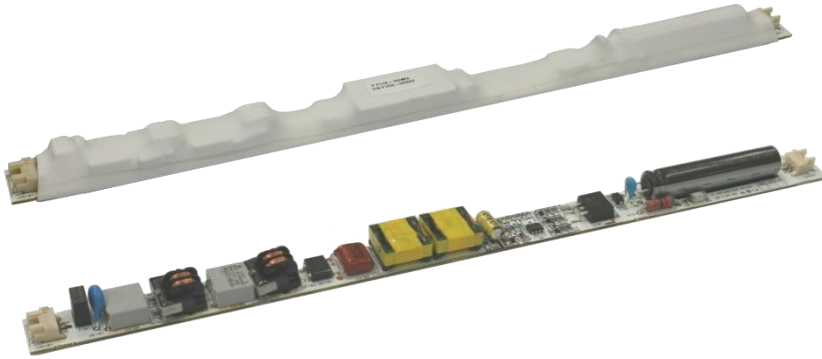
(L\*W\*H)274\*42.5\*27[mm]

**Weight :240g**



**P-INTUBE 22W**

**12W~22W /One Output with PFC**



**Features**

- Direct coupled
- Universal input
- (AC 100-240V Wide input voltage range)
- Constant output current
- High efficiency ,about 90%
- Non-Isolated Input-Output
- PF>0.9 For 85% of load
- Low output ripple & noise
- RoHS compatible design

**Applications**

- 1200mm LED Fluorescent Lamp  
(Series connection of LED 120~130EA)

**Electrical characteristics**

Model No.	P-INTUBE 22W
AC input range	100V~240VAC/ 50~60Hz
AC inrush current (max)	Cold Start, 7A at 220VAC
Output Method	CC & CV MODE
CC adjustment range	-
Overload protection	110%~120% constant current limiting, auto-recovery
Withstand voltage	Non
Working temperature	-30~+60 °C
Connection	Customization
	Customization

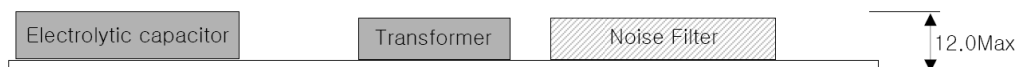
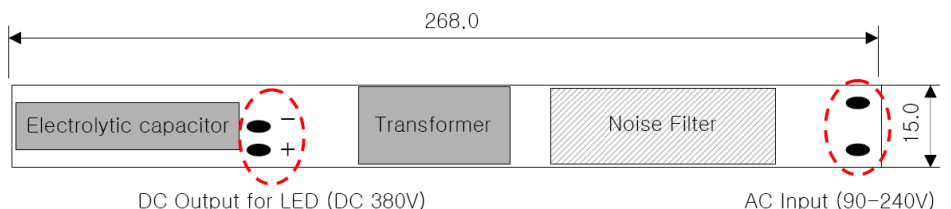
Model No	Output	Tol	R&N	Efficiency
P-INTUBE 22W	400V, 0~280mA	±3%	-	92%

■ 12W~22W

**Dimension**

**(L\*W\*H)268\*15\*12[mm]**

**Weight :47g**



**P-150W**

**100~200W/100VA~200VA Single Output with PFC**



**Features**

- General size
- Universal input  
(AC 100-240V Wide input voltage range)
- Constant output current
- Constant output voltage
- Isolated Input-Output
- PF>0.9 For 70% of load
- IP67~68
- Low output ripple & noise
- RoHS compatible design

**Applications**

- LED Streetlight, Industrial ,Factory

**Electrical characteristics**



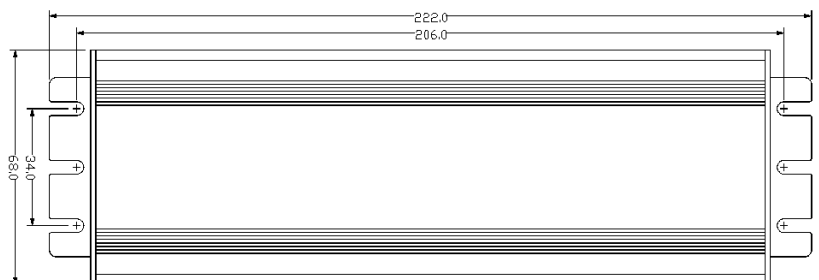
Model No.	P-100W	P-150W
AC input range	100V~240VAC/ 50~60Hz	
AC inrush current (max)	35A at 220VAC	40A at 220VAC
CV adjustment range	Can be control CV mode (±10%)	
CC adjustment range	Can be control CC mode (±10%)	
Overload protection	95%~110% constant current limiting, auto-recovery	
Withstand voltage	I/P-O/P:6kVAC, I/P-FG:6kVAC	
Working temperature	-30~+60 °C	
Connection	Input:[0.75mm <sup>2</sup> *3VCFT CABLE]/ L=BLACK, N=WHITE, F.G=Green/Yellow	
	Output:[1.5mm <sup>2</sup> *2VCFT CABLE]/ V+ =Brown, V- =Bluesky	

**100W**

**150W**

Model No	Output	Tol	R&N	Efficiency
P-100W24	24V, 0~4.0A	±3%	150mV	92%
P-100W30	30V, 0~3.2A	±3%	150mV	92%
P100W48	48V, 0~2.0A	±3%	200mV	93%
P-100W60	60V, 0~1.65A	±3%	250mV	93%

Model No	Output	Tol	R&N	Efficiency
P-150W24	24V, 0~6A	±3%	150mV	92%
P-150W30	30V, 0~4.5A	±3%	150mV	93%
P-150W48	48V, 0~3.0A	±3%	200mV	93%
P-150W60	58V, 0~2.5A	±3%	250mV	93%



**Dimension**  
(L\*W\*H)222\*68\*38.8[mm]  
**Weight :950g**

**P PLUS-150W**

**100~150W Single Output with PFC**



**“LLC MODE”**  
**“High Efficiency”**  
**“KS C 7655 PASS”**

**Features**

- General size
- Universal input  
(AC 100-240V Wide input voltage range)
- Constant output current
- Constant output voltage
- Isolated Input-Output
- PF>0.9 For 70% of load
- IP67
- Low output ripple & noise
- RoHS compatible design



**Applications**

- LED Streetlight, Industrial

**Electrical characteristics**

Model No.	P PLUS-100W	P PLUS-150W
AC input range	100V~240VAC/ 50~60Hz	
AC inrush current (max)	35A at 220VAC	40A at 220VAC
CV adjustment range	Can be control CV mode (±10%)	
CC adjustment range	Can be control CC mode (±10%)	
Overload protection	95%~110% constant current limiting, auto-recovery	
Withstand voltage	I/P-O/P:4kVAC, I/P-FG:2kVAC	
Working temperature	-30~+60 °C	
Connection	Input:[0.75mm <sup>2</sup> *3VCFT CABLE]/ L=Brown, N=Bluesky, F.G=Green/Yellow	
	Output:[1.5mm <sup>2</sup> *2VCFT CABLE]/ V+ =Brown, V- =Bluesky	

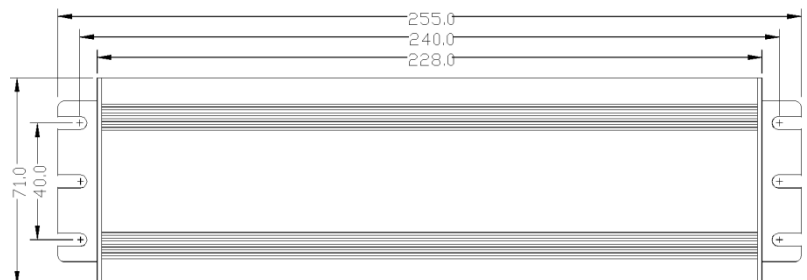
**100W**

Model No	Output	Tol	R&N	Efficiency
P PLUS-100W24	24V, 0~4.0A	±3%	150mV	90%
P PLUS-100W30	30V, 0~3.2A	±3%	150mV	90%
P PLUS-100W48	48V, 0~2.0A	±3%	200mV	91%
P PLUS-100W58	58V, 0~1.65A	±3%	250mV	91%

**150W**

Model No	Output	Tol	R&N	Efficiency
P PLUS-150W24	24V, 0~6A	±3%	150mV	90%
P PLUS-150W30	30V, 0~4.5A	±3%	150mV	90%
P PLUS-150W48	48V, 0~3.0A	±3%	200mV	91%
P PLUS-150W58	58V, 0~2.5A	±3%	250mV	91%

**Dimension**  
**(L\*W\*H)255\*71\*45 [mm]**  
**Weight :1250g**





**P PLUS-60W**

**50W~80W Single Output with PFC**



**“LLC MODE”  
“High Efficiency”**

**Features**

- General size
- Universal input  
(AC 100-240V Wide input voltage range)
- Constant output current
- Constant output voltage
- Isolated Input-Output
- PF>0.9 For 65% of load
- IP67
- Low output ripple & noise
- RoHS compatible design



**Applications**

- LED Sign, Industrial ,OutDoor

**Electrical characteristics**

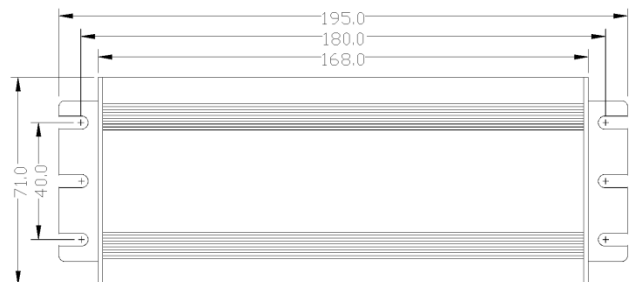
Model No.	P PLUS-60W	P PLUS-80W
AC input range	100V~240VAC/ 50~60Hz	
AC inrush current (max)	20A at 220VAC	25A at 220VAC
CV adjustment range	Can be control CV mode (±10%)	
CC adjustment range	Can be control CC mode (±10%)	
Overload protection	95%~110% constant current limiting, auto-recovery	
Withstand voltage	I/P-O/P:4kVAC, I/P-FG:2kVAC	
Working temperature	-30~+60 °C	
Connection	Input:[0.75SQ*3C]/ L=Brown, N=Bluesky, F.G=Green/Yellow	
	Output:[0.75SQ*2C]/ V+ =Brown, V- =Bluesky	

**50W~60W**

**80W**

Model No	Output	Tol	R&N	Efficiency
P PLUS-50W24	24V, 0~2.0A	±3%	150mV	88%
P PLUS-50W48	48V, 0~1.0A	±3%	250mV	90%
P PLUS-60W24	24V, 0~2.5A	±3%	150mV	88%
P PLUS-60W48	48V, 0~1.25A	±3%	250mV	90%

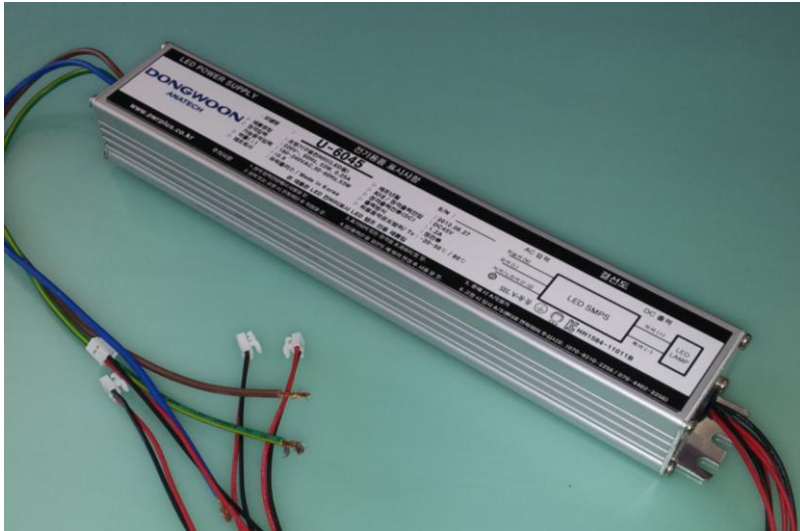
Model No	Output	Tol	R&N	Efficiency
P PLUS-80W-12	12V, 0~6.0A	±3%	150mV	88%
P PLUS-80W-24	24V, 0~3.0A	±3%	200mV	90%
P PLUS-80W-36	36V, 0~2.0A	±3%	200mV	90%
P PLUS-80W-48	48V, 0~1.5A	±3%	250mV	91%



**Dimension  
(L\*W\*H)195\*71\*45[mm]  
Weight :930g**

**U-60**

**50W~60W Single Output with PFC**



**Features**

- Silm size
- Constant current
- Built-In OCP,SC
- Isolated Input-Output
- PF>0.9 For 65% of load
- Low output ripple & noise
- RoHS compatible design



**Applications**

- LED Sign, Advertiser ,DFL

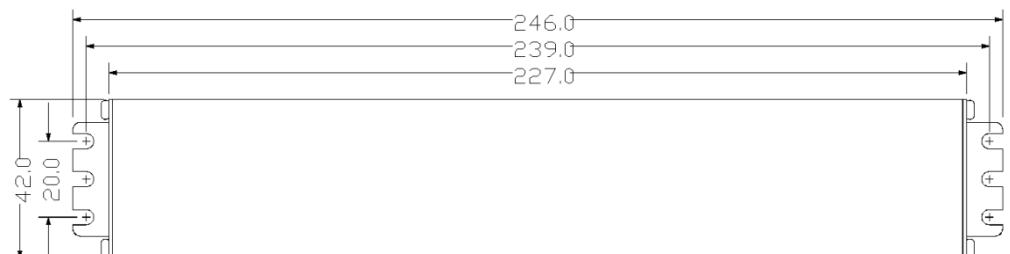
**Electrical characteristics**

Model No.	U-60
AC input range	180V~264VAC/ 50~60Hz
AC inrush current (max)	10A at 220VAC
CC adjustment range	Can be control CC mode (±10%)
Output Method	CC MODE
Overload protection	110%~120% constant current limiting, auto-recovery
Withstand voltage	I/P-O/P:3.8kVAC, I/P-FG:1.8kVAC
Working temperature	-30~+60℃
Connection	Input:[0.75SQ*3C]/ L=Brown, N=Bluesky, F.G=Green/Yellow
	Output:[18AWG*2C]/ V+ =RED, V- =BLACK

**50W~60W**

Model No	Output	Tol	R&N	Efficiency
U-6035	35V, 0~1.5A	±3%	200mV	88%
U-6045	45V, 0~1.2A	±3%	200mV	88%

**Dimension**  
(L\*W\*H)246\*42\*27[mm]  
**Weight :330g**





**P PLUS-60W(D)**

**50W~60W Single Output with PFC**



**Features**

- General size
- Universal input  
(AC 100-240V Wide input voltage range)
- Constant output current
- Constant output voltage
- Isolated Input-Output
- PF>0.9 For 65% of load
- Low output ripple & noise
- RoHS compatible design

**Electrical characteristics**

**•Applications**

- DownLight(Big size), Industrial ,Outdoor

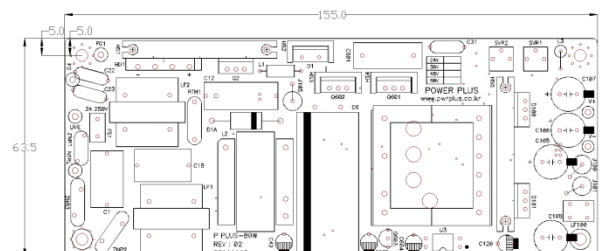
Model No.	P PLUS-50W	P PLUS-60W
AC input range	100V~240VAC/ 50~60Hz	
AC inrush current (max)	10A at 220VAC	15A at 220VAC
CV adjustment range	Can be control CV mode (±10%)	
CC adjustment range	Can be control CC mode (±10%)	
Overload protection	95%~110% constant current limiting, auto-recovery	
Withstand voltage	I/P-O/P:4kVAC, I/P-FG:2kVAC	
Working temperature	-30~+60 °C	
Connection	Input:[0.75SQ*3C]/ L=Brown, N=Bluesky, F.G=Green/Yellow	
	Output:[0.75SQ*2C]/ V+ =Brown, V- =Bluesky	

**50W~60W**

Model No	Output	Tol	R&N	Efficiency
P PLUS-50W24	24V, 0~2.0A	±3%	150mV	88%
P PLUS-60W24	24V, 0~2.5A	±3%	250mV	88%

**Dimension**

**(L\*W\*H)155\*63.5\*32[mm]**



**PCI-80/90**

**80~90W Single Output with PFC**

**Features**

- General size
- Universal input  
(AC 100-240V Wide input voltage range)
- Constant output current
- Constant output voltage
- Isolated Input-Output
- PF>0.9 For 75% of load
- Low output ripple & noise
- RoHS compatible design



**“LLC MODE”  
“High Efficiency”**



**Applications**

- LED Factory, Industrial

**Electrical characteristics**

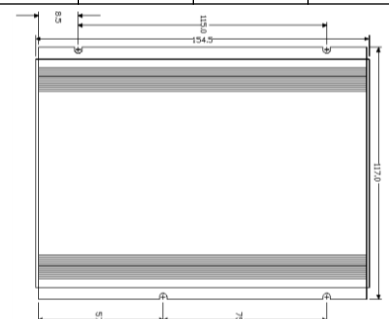
Model No.	P PLUS-80W	P PLUS-90W
AC input range	100V~240VAC/ 50~60Hz	
AC inrush current (max)	15A at 220VAC	20A at 220VAC
CV adjustment range	Can be control CV mode (±10%)	
CC adjustment range	Can be control CC mode (±10%)	
Overload protection	95%~110% constant current limiting, auto-recovery	
Withstand voltage	I/P-O/P:4kVAC, I/P-FG:2kVAC	
Working temperature	-30~+60 °C	
Connection	Input:[0.75mm <sup>2</sup> *3VCFT CABLE]/ L=Brown, N=Bluesky, F.G=Green/Yellow	
	Output:[0.75mm <sup>2</sup> *2VCFT CABLE]/ V+ =Brown, V- =Bluesky	

**80W**

Model No	Output	Tol	R&N	Efficiency
PCI-80K420	95V, 0~8.0A	±3%	350mV	92%

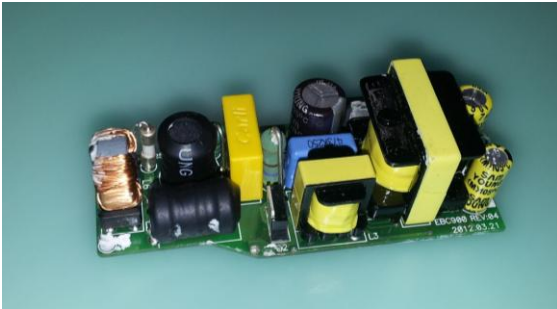
**90W**

Model No	Output	Tol	R&N	Efficiency
PCI-90K42	130V, 0~0.65A	±3%	450mV	92%
PCI-90K49	150V, 0~0.58A	±3%	450mV	92%

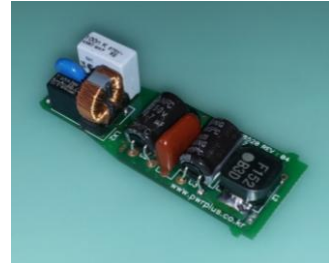


**Dimension (L\*W\*H)155\*117\*45[mm]  
Weight :840g**

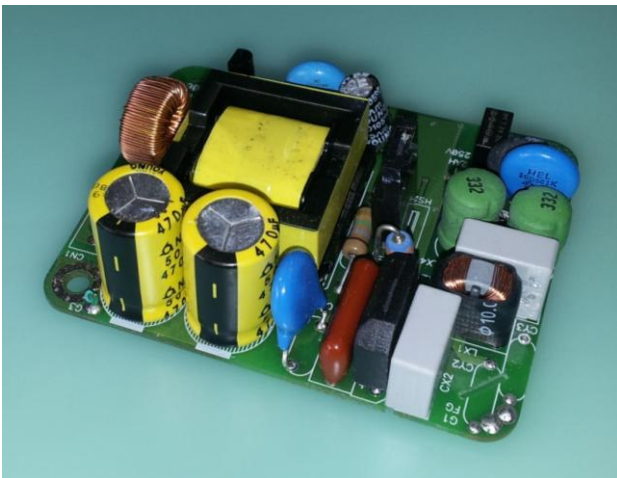
**Open Frame**



**10W Bulb Triac Dimming**



**8W Bulb On/Off**



**12W~24W Down Light**



**18W~24W Down Light**