

Features

1. Input voltage: 180VAC~264VAC
2. Overcurrent, overvoltage, short-circuit protection
3. Power efficiency up to 88%
4. Small size for convenient use
5. Excellent weather resistance
6. 5 years warranty

Installation

Fix by screws

Specification

Output	Voltage	12.0 VDC	
	Min. Load	0A	
	Rated. Load	16.7A	
	Peak@10mS	240W	
	Output power	200W	
	Ripple and Noise (Max.)	200mV p-p	
	Line Regulation	±3%	
	Load Regulation	±3%	
Input	Voltage range	180VAC~264VAC	
	Frequency range	50-60HZ	
	Input current	≤2.5A	
	Surge current (cold start)	80A @240VAC	
	Power efficiency	≥88%	
Protection	Overcurrent protection	Short-circuit protection	Overvoltage protection
Environment	Working temperature	-20°C ~40°C	
	Working humidity	5%~90%RH	
	Storage temperature	-20°C ~ 80°C	
	Vibration characteristics	5~9Hz, A=1.5mm; 9~200Hz, Acceleration 5m/S2	
Safety&EMI	Safety standard	Design by IEC60950 standard	
	Insulation resistance	Primary to secondary: 10MΩ min at 500V DC	
	EMI STANDARD	FCC class B rules; EN55022 class B rules; GB9254-1998, GB17625.1-2003	
Other parameters	Product size L*W*H	210mm*95mm*51.5mm	
	Weight(Net weight)	650g	

NOTE:

- Test environment temperature : 25±2°C.
- Testing method for ripple and noise: The terminal should be connected in parallel with 47UF electrolytic capacitor and 0.1UF ceramic capacitor, measured at 20MHz bandwidth.

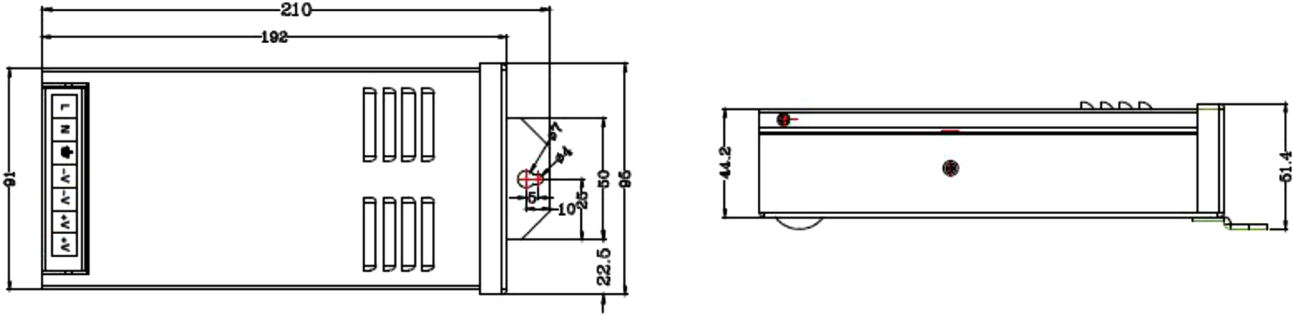
BLUEVIEW ELEC-OPTIC TECH CO.,LTD

Tel: +86-28-8148 0011 Fax: +86-28-8148 1258
 Mail: sales@blueviewled.com Web.: www.blueviewled.com
 Add: No.1000, Section 2, 2nd Konggang Road, Southwest
 Aviation Industrial Development Zone, Chengdu, Sichuan, China.
 Zip code: 610207

Specifications are subject to change without notice.
 Blueview™ 2018– All rights reserved. Made in China.



Profile Drawing

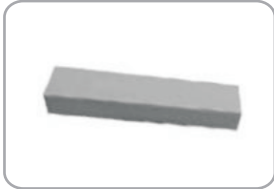


Size: 210mm*95mm*51.5mm
Weight: 650g

Packaging



1 Product



2 Inner packing box



3 Carton box

Packaging Information

Model No.	Product Size L*W*H(mm)	Shipping Dimension(mm)	Packing Quantity	Weight/pc
PD200-V12	210mm*95mm*51.5mm	447*365 *222	24	0.65KG

Note:

One product for one inner packing box and two layers with 12 products per layer in one carton box.
The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.



Attentions

Please install the power supply in a well-ventilated place to ensure the suitable ambient temperature.
Do not do live-line working for high voltage product.
Try not to install in the lightning-prone area and high-voltage area.
Make sure the power cord is firmly connected to the terminal as it cannot be pulled out by hand.
When multiple power supplies are connected in parallel to the same point, do not exceed the load capacity of the power cable.
Arrange the insulation, waterproof, and anti-corrosion treatments during installation.
For metal case power supply, the input ground wire must be reliably connected to the ground, not floating or connected to the neutral line.
If the product fails, it must be repaired by professionals, or contact the supplier for repair and maintenance.
Make sure the input voltage meets the requirements and lines are connected correctly before power on.
Use 18AWG (0.75mm²) or thicker core wire to avoid adverse consequences caused by overheating, if the power cable need to lengthen.
Do not touch the surface of the metal casing to avoid high temperature burns during the usage.
Installation, maintenance and repair must be operated by professionals.

Statements and Recycling

Statements:

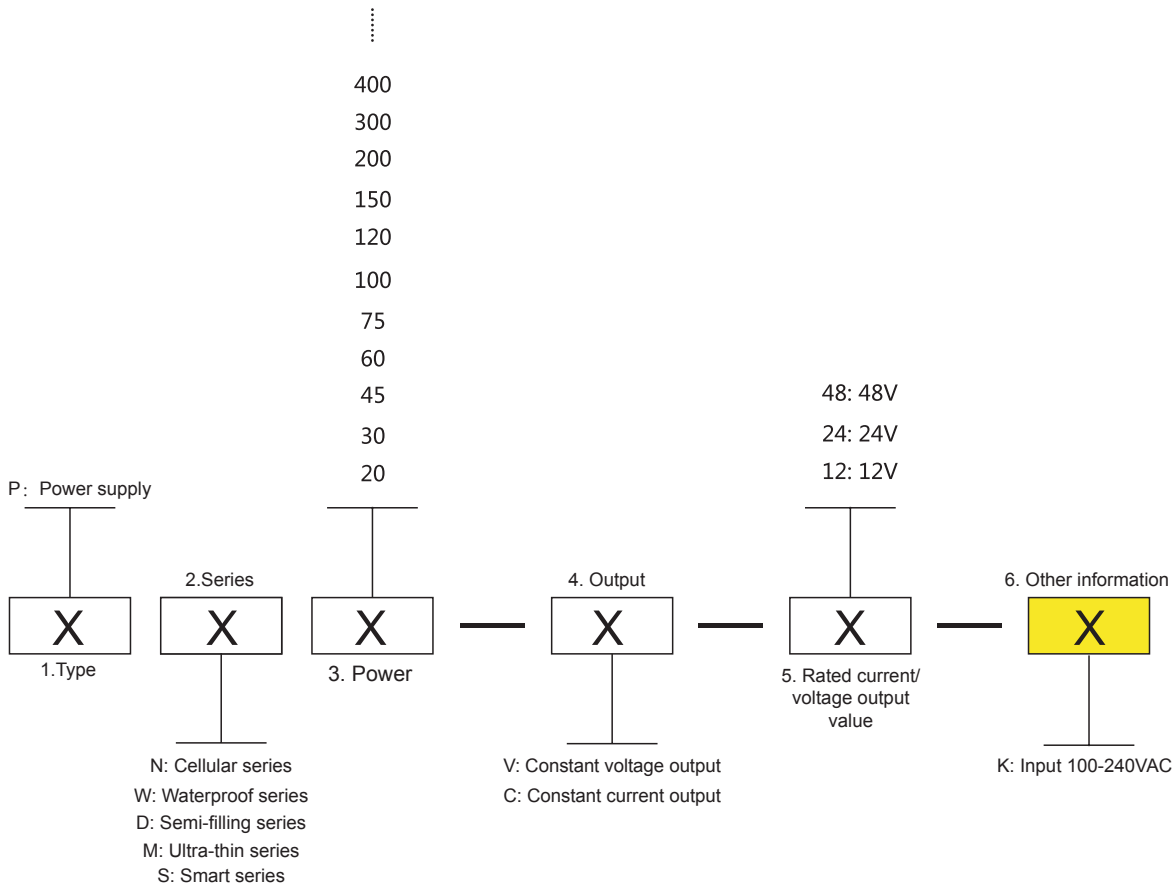
Repair should be operated by a qualified technician, if the external circuit or main line of this product is damaged.
The parameters given in this manual are typical values and for reference only.
All illustrations and drawings in this manual are for reference.
This product is subject to change without notice.

Recycling:

LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.



Attachment: Model description



Example 1: PMW45-V12

Read: Ultra-thin waterproof power supply, power 45W, constant voltage, 12V output, input voltage 200-240VAC.

Example 2: PMW100-V24K

Read: Ultra-thin waterproof power supply, power 100W, constant voltage, 24V output, wide voltage input, input voltage 100-240VAC.