


**Description:**

<p>Main application – power powerful LEDs and LED products;          Stabilization of the output current;          Protection from exceeding the permissible current, short circuit and overheating;          100% quality control;          Compact size;          High reliability;</p>	
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**Output characteristics:**

The range of the output voltage	DC70-140V
Output current	240-390mA±5%
Output current ripple	N/A
The instability of the output voltage	N/A
Rated power	50W±5%

**Input Specifications:**

Input voltage	AC175-265V
Supply frequency	47-63Hz
Input current	AC175V/0.3A AC265V/0.2A
Starting current	240-350mA
Efficiency under full load	≥85%
Power factor	AC230V≥0.95

**Protection:**

By exceeding the permissible current	Enable / disable the load. Automatic recovery after a fault. (Set if excess output power at 105%).
Short circuit	Enable / disable the load. Automatic recovery after a fault.
Overheating	Enable / disable the load. Automatic recovery as a cooling device. (Temperature is fixed to the apparatus main board)

**Common parameters:**

Type of shell	IBP50-8
Degree of protection	IP20
Working temperature	-15°C..+45°C
Humidity	20..90% ( no condensation)
Storage temperature	-40°C..+55°C
Temperature instability	± 0.05% /°C
Dimensions LxWxH	209 x 39 x 29 mm

**Dimensions:**
