

**Description:**

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.


**Output characteristics:**

The range of the output voltage	80-130V DC
Output current	700mA±5%
Output current ripple	≤ 3 mA
The instability of the output voltage	±1%
Rated power	90W±5%

**Input Specifications:**

Input voltage	170-277V AC
Supply frequency	57KHz 220V
Input current	0.422A
Starting current	700mA
Efficiency under full load	≥90%
Power factor	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	158 x 38 x 27 mm

**Dimensions:**
