

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	DC100-150V
Output current	350mA±5%
Output current ripple	≤ 3 mA
The instability of the output voltage	±1%
Rated power	50W±5%

Input Specifications:

Input voltage	AC170-277V
Supply frequency	47..63Hz
Input current	AC170V/0.3A AC277V/0.2A
Starting current	350mA
Efficiency under full load	≥95%
Power factor	AC170V≥0.9 AC277V≥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:
