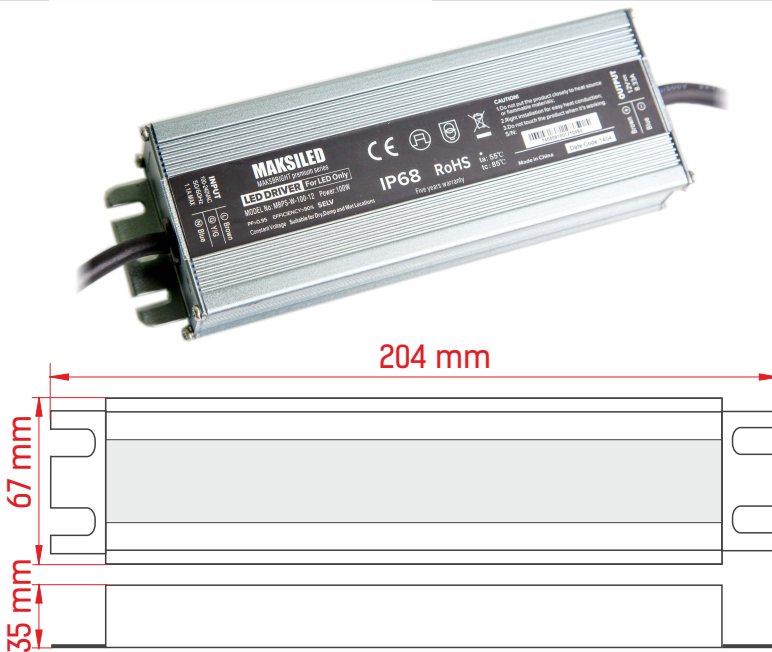


3 WARRANTY*
YEAR

Storage temperature:
from -40 till +80 C
Operating temperature:
from -35 till +50 C

SPECIFICATION

MBPS-W-100-12



FEATURES:

- High efficiency;
- High reliability;
- Top quality components;
- Short-circuit protection overload protection
overheat protection, overvoltage protection;
- Conformity to international standards;
- Compact dimensions;
- 3 year warranty.

Specifications

OUTPUT	VOLTAGE	12V
	RATED CURRENT	8,33A
	RATED POWER	100W
	NOISE AND PULSATIONS (max.)	≤150mV
	PERMISSIBLE VOLTAGE TOLERANCE	±2,5% (11,7-12,3V)
INPUT	SUPPLY VOLTAGE RANGE	100~240VAC
	FREQUENCY RANGE	50~60Hz
	EFFICIENCY	≥90%
	ALTERNATING CURRENT	1,1A/115VAC 0,55A/230VAC
	IN-RUSH CURRENT (max.)	Cold start ≤70A (100-240VAC)
	POWER FACTOR	≥0,95
	PROTECTION	Short-circuit protection
	Overvoltage protection	
	Overcurrent protection	
	Overheat protection	
ENVIRONMENT	OPERATING TEMPERATURE	-35~+50°C
	OPERATING HUMIDITY	20~95% RH w/o condensation
	STORAGE TEMPERATURE AND HUMIDITY	-40~+80°C, 10~95% RH
	MOISTURE PROTECTION	IP68**
	VIBRATIONS	10~500Hz, 5G, 30min. for each of the axes: X, Y, Z
SAFETY AND EMC	SAFETY STANDARDS	Ip68, UL8750, UL1012, GS(EN61347), CQC, CE
	WITHSTAND VOLTAGE	I/P-O/P: 3,75KVAC/10mA/3S. I/P-Case: 1,8KVAC/10mA/3S
	INSULATION RESISTANCE	100MOhm Max/500VDC /3S
	EMC	FCC part 15classB EN55015
MISC	MTBF	50000hrs. MIL-HDBK-217F (25°C)
	SIZE	204*67*35 mm (L*W*H)
	WEIGHT	0,88Kg

**To be used indoors and outdoors, excluding exposure to direct sun rays.

*If equipment is operating max 12 hours per day.
In case of a day and night operation the warranty period is decreased by 2 times

