VISDEM

PRODUCT CODE
SMPS125WH2060

LED Driver 12 V · 5 A

Isolated AC–DC switch-mode power supply | Constant voltage | IP20

12V CONSTANT VOLTAGE LED DRIVER

60 W
RATED OUTPUT POWER

149.5 × 39.5 × 29.5 mm
HOUSING L × W × H

VOLTAGE	CURRENT	POWER	EFFICIENCY	ISOLATION	INGRESS
12 V DC	5 A	60 W	≥ 80 %	Class II	IP20

INPUT

AC voltage range	220–240 V AC
Operating voltage range	140–390 V AC
AC input current	-
Power factor	≥ 0.5
Rated input power	-
Efficiency	≥ 80 %
Frequency	-
High-voltage endurance	380 V AC, 8 h

OUTPUT

Output voltage	12 V ±10%
Output current	≤ 5 A
Output power, max.	60 W ±10%

PROTECTION

Over-voltage / overload	Yes
Short circuit	Yes, with auto restart
Topology	Flyback
Dielectric strength	3.7 kV
Insulation resistance	4 MΩ at 500 V DC
Isolation class	Class II
Surge withstand	4 kV

ENVIRONMENTAL

Operating ambient	-
Case temperature, max.	-
Operating humidity	10 to 95 % RH

MECHANICAL

Housing material	PC (FR grade)
Housing colour	White
Dimensions L × W × H	149.5 × 39.5 × 29.5 mm (±5 mm)
Weight	210 ±20 g

COMPLIANCE

Safety standard	-
BIS / CRS registration	-
RoHS	-

LIFETIME AND WARRANTY

Rated life	-
Warranty	-

AVAILABLE RANGE

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12 V	2 A	3 A	**5 A**	8 A	10 A
24 V	1 A	2 A	3 A		

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