VISDEM

PRODUCT CODE
SMPS1210WH10120

LED Driver 12 V · 10 A

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

12V CONSTANT VOLTAGE LED DRIVER

120 W
RATED OUTPUT POWER

192 × 38 × 31 mm
HOUSING L × W × H

VOLTAGE	CURRENT	POWER	EFFICIENCY	ISOLATION	INGRESS
12 V DC	10 A	120 W	≥ 80 %	Class I	IP20

INPUT

AC voltage range	220–240 V AC
Operating voltage range	140–390 V AC
AC input current	< 2.5 A
Power factor	≥ 0.5
Rated input power	145 W ±10%
Efficiency	≥ 80 % at 230 V AC
Frequency	-
High-voltage endurance	380 V AC, 4 h

OUTPUT

Output voltage	12 V ±10%
Output current	≤ 10 A
Output power, max.	120 W ±10%

PROTECTION

Over-voltage / overload	Yes
Short circuit	Yes, with auto restart
Topology	Flyback
Dielectric strength	2.5 kV
Insulation resistance	4 MΩ at 500 V DC
Isolation class	Class I
Surge withstand	4.0 kV

ENVIRONMENTAL

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

MECHANICAL

Housing material	Metal
Housing colour	White
Dimensions L × W × H	192 × 38 × 31 mm (±5 mm)
Weight	203 ±10 g

COMPLIANCE

Safety standard	-
BIS / CRS registration	-
RoHS	-

LIFETIME AND WARRANTY

Rated life	-
Warranty	-

AVAILABLE RANGE

■ this sheet ☐ available

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

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