



Simple Test Report

Manufacturer: 3S-Company A/S / SELEK Group

Product: 2 pcs. 60W Replacement Power
Adaptor for MagSafe + MagSafe 2

Standards: EN 60950-1
EN 60884-2-D1

Report No: B2017135

Date and Signature: 27-09-2017

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This report is a description of a simple conformity check for CE requirement of the following products:



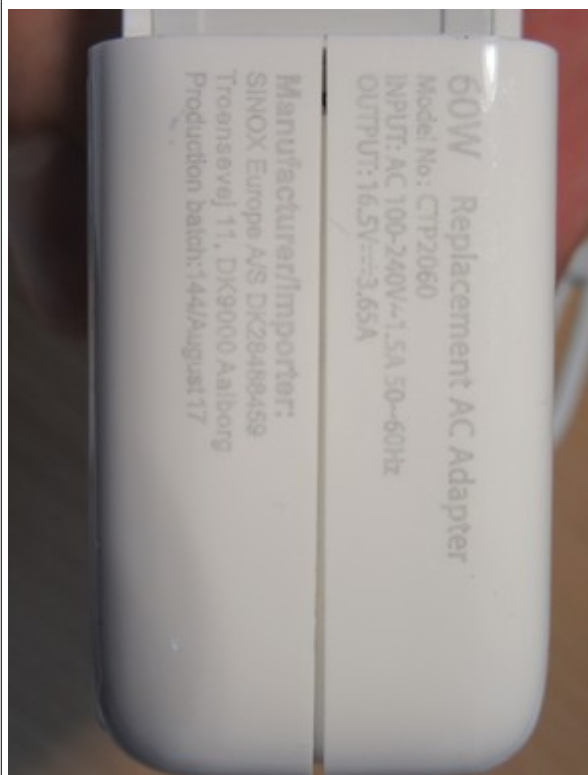
60W replacement Power Adaptor for MagSafe



Output: 16,5VDC 3,65A






60W replacement Power Adaptor for MagSafe 2



Output: 16,5VDC 3,65A

The following requirements from EN 60950-1: 2006 +A1, A11, A2, A12 and DS 60884-2-D1: 2011 have been evaluated.

60W replacement Power Adaptor for MagSafe		
	Status	Note
Marking:	-	
- Durability:	OK	Rubbing with a cloth soaked with petroleum spirit
- Data*	OK	Manufacturer and importer name + postal addresses
- CE 	OK	
- WEEE 	OK	
- RI 	OK	
HV test	OK	3kV mains to secondary
Plug pin torque test	OK	0.4Nm
Plug size	OK	DS 60884-2-D1: 2011
PCB creepage/clearances	OK	Reinforced requirements
Securing of wires	OK	Mechanical attachment required or insulation plate.
Flammability of cabinet	OK	Minimum V-1
Idle power	OK	Max. 0.5W (0.22W)
Temperature test at full load	OK	Max 85°C @ 40°C ambient (65°C @ 23°C ambient)
Short circuit protected	OK	Enters hiccup-mode

Measured values in parenthesis

* data;

Manufacturer and importer name + postal addresses

Type identification; name or number

Mains Voltage

Mains Frequency

Mains Power

Output data

Output voltage measurement;




Full load: 16,8V

Idle: 17,1V

Note:

The transformer has not been mechanical tested or disassembled.

The following requirements from EN 60950-1: 2006 +A1, A11, A2, A12 and DS 60884-2-D1: 2011 have been evaluated.

60W replacement Power Adaptor for MagSafe 2		
	Status	Note
Marking:	-	
- Durability:	OK	Rubbing with a cloth soaked with petroleum spirit
- Data*	OK	Manufacturer and importer name + postal addresses
- CE 	OK	
- WEEE 	OK	
- RI 	OK	
HV test	OK	3kV mains to secondary
Plug pin torque test	OK	0.4Nm
Plug size	OK	DS 60884-2-D1: 2011
PCB creepage/clearances	OK	Reinforced requirements
Securing of wires	OK	Mechanical attachment required or insulation plate.
Flammability of cabinet	OK	Minimum V-1
Idle power	OK	Max. 0.5W (0.23W)
Temperature test at full load	OK	Max 85°C @ 40°C ambient (64°C @ 23°C ambient)
Short circuit protected	OK	Enters hiccup-mode

Measured values in parenthesis

* data;

Manufacturer and importer name + postal addresses

Type identification; name or number

Mains Voltage

Mains Frequency

Mains Power

Output data

Output voltage measurement;

Full load: 16,8V

Idle: 17,1V

Note:

The transformer has not been mechanical tested or disassembled.

Conclusion:

The two tested adapters fulfil the requirements.

Tests made by; Lars Bringstrup