Thermaltake Litepower G2, 450 W, 230 V, 50 - 60 Hz, 5 A, Active, 100 W

Litepower GEN2 450W - ATX 12V 2.3 - 2x PCI-E 6+2pin

Group	Power Supply
Manufacturer	Thermaltake
Manufacturer item no.	LTP-0450P-2
EAN/UPC	4717964404213

Description

Thermaltake Litepower GEN2 450W
The Thermaltake Litepower GEN2 series is ideal for basic desktop systems with lower power level consumption - where efficiency, reliability and low noise is of utmost importance. The Litepower GEN2 series are built using the latest ATX 12V V2.3 standard and include a dedicated +12V rail, guaranteeing you compatibility with all the latest desktop hardware. With the inclusion of over voltage, over power and short-circuit protection - the Litepower GEN2 series sets a new benchmark in offering industry leading reliability and performance at an affordable price.

Ultra Quiet Fan
The built-in large 120mm cooling fan delivers exceptional thermal performance and is whisper quiet in operation. You'll never have to worry about noise levels with the Litepower GEN2 series – even when your systems under load. Through our renowned Thermaltake engineering we've built the Litepower GEN2 series with advanced thermal efficiency, reducing heat output, lowering energy bills and maintaining reliable system performance.

Elongated Sleeved Cables
The included extended black sleeved cables ensure straightforward and easy cable routing to optimise your cable management – improving airflow throughout your system and guaranteeing hardware compatibility.

Utmost Reliability and Compatibility
The Litepower GEN2 series support the latest ATX 12V V2.3 Standard for industry leading reliability and compatibility with state-of-the-art Intel Core processes, AMD processors and advanced graphics technologies.

Powerful Dedicated +12V Output
The Litepower GEN2 series comes equipped with a powerful single +12V rail, offering you outstanding system performance and compatibility with all the latest hardware. Please see the Litepower GEN2 series range output specifications

Buy with Confidence

The Litepower GEN2 Series is built with industry leading quality control and specifications. This product includes state of the art Over Voltage control and Short-Circuit protection.

We have confidence in the products we make – that's why every Litepower Series PSU comes packed with our 2 Year Manufacturer Warranty.

Main features

General	
Total power	450 W
AC input voltage	230 V
AC input frequency	50 - 60 Hz
Motherboard power connector	24-pin ATX
Peripheral (Molex) power cable length	450 mm
PCI Express power cable length	45 cm
Purpose	PC
Power supply unit (PSU) form factor	ATX
Mean time between failures (MTBF)	100000 h
Product colour	Black
Fan diameter	12 cm
Number of fans	1 fan(s)
Width	150 mm
Depth	140 mm
Height	86 mm

Extended details

Power	
Total power	450 W
AC input voltage	230 V
AC input frequency	50 - 60 Hz
Input current	5 A
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	100 W
Combined power (+12V)	396 W
Combined power (+5V)	100 W
Combined power (-12V)	6 W
Combined power (+5Vsb)	12.5 W
Max output current (+3.3V)	20 A
Max output current (+12V)	33 A
Max output current (+5V)	14 A
Max output current (-12V)	0.5 A

Max output current (+5Vsb)	2.5 A
Hold time	16 ms

Performance

Purpose	PC
Power supply unit (PSU) form factor	ATX
ATX version	2.3
Mean time between failures (MTBF)	100000 h
Certification	CE, TUV SUD, CB, EAC, RCM

Ports & interfaces

Motherboard power connector	24-pin ATX
Peripheral (Molex) power connectors (4-pin)	4
Peripheral (Molex) power cable length	450 mm
PCI Express power connectors (6+2 pin)	2
PCI Express power cable length	45 cm
CPU power connector (4+4 pin)	Y
ATX Power connector (24-pin)	Y
Floppy disk drive connector	Y
Floppy disk drive cable length	15 cm
Cabling type	Non-Modular

Design

Product colour	Black
Fan diameter	12 cm
Number of fans	1 fan(s)
Fan speed	1800 RPM
Fan location	Top

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	-40 - 55 °C
Operating relative humidity (H-H)	20 - 80 %
Storage relative humidity (H-H)	10 - 95 %

Weight & dimensions

Width	150 mm
Depth	140 mm
Height	86 mm

Packaging data

Package type	Box