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The Alphacool DC-LT 2 2600rpm Ceramic - 12V DC (Sinus PCB) is a pump which is designed for use in computer water cooling systems. Even the previous model was considered a quiet little wonder. Now Alphacool has improved this product considerably thanks to the experience gained. With this pump, small to medium-sized water loops can be operated almost silently.

DC-LT 2 2600rpm Ceramic - 12V DC (Sinus)



- Nearly silent thanks to 3-phase sine wave control
- Increased efficiency compared to the predecessor model
- Floating magnetic bearing
- Fast control

Scope of delivery

1x Alphacool DC-LT 2 2600rpm Ceramic - 12V DC (Sinus PCB)

Data

Speed	2600 rpm
Dimensions (WxHxD)	52 x 41 x 18mm (without cable)
Cable length	30 cm
Weight	39g
Voltage	7 - 13.5V
Power consumption	4W
Maximum head	0.95m
Maximum flow rate	approx. 75l/h
Power connection	3-pin fan connector
MTBF	50.000h

Packaging dimensions 1 unit

L x B x H	10 x 7 x 3.5 cm
Total weight	0.058 kg

Other data

Certificates	CE, FC, RoHS
EAN	4250197133326
Customs code	84137081900

Download Links

Product pics	https://www.alphacool.com/download/1019580_pics.zip
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Article text

In the world of water cooling, it is not always just about getting the maximum performance out of your own hardware. Sometimes, noise levels are far more important and with watercooling you can make a PC almost inaudible.

What is that?

The Alphacool DC-LT 2 2600rpm Ceramic - 12V DC (Sinus PCB) is a pump which is designed for use in computer water cooling systems. Even the previous model was considered a quiet little wonder. Now Alphacool has improved this product considerably thanks to the experience gained. With this pump, small to medium-sized water loops can be operated almost silently. Alphacool already uses this pump successfully in the GPU-AiO Eiswolf 2 which, in various independent tests, was classified as inaudible.

How is the quiet running of this pump achieved?

There are several points to mention: The true 3-phase sinusoidal control of the pump contributes to the extremely quiet running of this pump. The impeller is suspended on a ceramic axle with two magnets. The ceramic axle is manufactured with high precision and the impeller is cleanly balanced. All these details contribute to the Alphacool DC-LT 2 2600rpm Ceramic - 12V DC (Sinus PCB) pump is virtually silent.

What else is special about this pump?

The control of the pump, the mechanics and thus the pump itself is highly efficient. Compared to other models, the power consumption is significantly lower with the same or even higher power output. It has a wide control range and starts reliably from 7V power supply.