

# CLP Inverter 1012

**The CLP 1012 inverter provides a real sine wave that also supplies sensitive consumers with a constant 230 V voltage.**

// Modern switching technology
// Robust
// Constant power supply

The 12 V inverter with an output of 1,000 W is suitable for installation in commercial and special vehicles as well as for stationary use outside of a vehicle due to its robust design. The standby mode reduces self-consumption to a minimum.
Of course, a remote display can be connected. In system operation, with Clayton lithium batteries, the data connection (singlewire) ensures direct communication and optimum operating parameters. Several differently coloured LEDs signal the operating status and the battery voltage present.

## Technical Information

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|---|---|
| **Nominal voltage (battery)** | 12 V* |
| **Output power (AC), continuous** | 1,000* |
| **Cut-off temperature** | + 80 °C |
| **Cut-off voltage (DC), response time 10 s** | 9 V |
| **Cut-off voltage (DC), response time 3 s** | 10.5 V |
| **Input voltage (DC), max.** | 15 V |
| **International Protection (IP class)** | IP67 |
| **Level of efficiency** | ? 90 % |
| **Nominal voltage** | 230 V |
| **Operating temperature** | -20 °C ... +50 °C |
| **Output frequency** | 50 Hz |
| **Overload (1 s)** | 2,000 W |
| **Overload (10 s)** | 1,500 W |
| **Overload (15 min)** | 1,200 W |
| **Protection class** | I |
| **Self-consumption (idling with search timing)** | < 2 W |
| **Self-consumption (norm. idle)** | 10 W |
| **Self-consumption (standby)** | < 5 mA |
| **Dimensions (L x W x H)** | 299 x 198 x 116 mm |
| **Weight** | 7.5 kg |

*In the chosen option

## Technical Information

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|---|---|
| **Switch-on voltage (DC), auto-restart** | 12.75 V |
| **Total Harmonic Distortion (THD)** | < 3 % |
| **Voltage tolerance** | -10 % ... +5 % |
| **Voltage wave form** | Sine |

*In the chosen option