

# THYCON

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ComPower Micro RT UPS  
CPX Micro RT 1 – 10kVA

**THYCON**

Single-phase UPS  
for critical applications

Designed and Published by Thycon.

One factor has become increasingly critical for sophisticated small offices and small- to medium-sized enterprises – and that is that more often than not, the business is largely built on a foundation of data. This data has to be safely stored and safe data storage requires a rock-solid supply of power.

**Reliable power**

Thycon's ComPower Micro RT is a true double-conversion online uninterruptible power supply (UPS) that guarantees up to 10 kVA of clean, reliable power for your critical single-phase applications. As well as maintaining power to your servers, point-of-sale terminals, workstation clusters, routers, switches, hubs and sensitive electronic equipment, the ComPower Micro RT will also condition incoming power to eliminate spikes, swells, sags, noise and harmonics.

**Wide Visibility**

The monitoring solutions provided with the ComPower Micro RT give excellent visibility of the system status and allow remote supervision of the power grid, the battery bank and the UPS.

**Low Cost of Ownership**

The ComPower Micro RT was designed to deliver a low total cost of ownership: Its high efficiency means not only that it is cheap to run but the resulting lower cooling costs also keep the power bills low. Easy set-up and maintenance deliver lower operating and maintenance costs, too. An excellent power factor and unique technical features that minimize battery usage and prolong lifetime mean the ComPower Micro RT is easy on your pocket all round.

The 6 and 10 kVA ComPower Micro RT models have a large integrated charger. This not only gives more flexibility in extending the runtime of the units but it also shortens battery recharge time, thus increasing system availability and reliability, the two most critical parameters of any UPS.



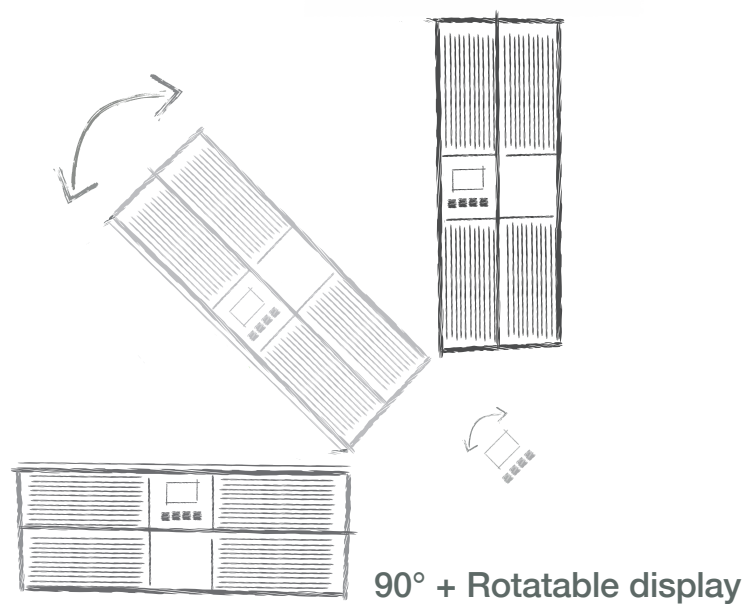
## A VERSATILE UPS TO MEET THE DEMANDS OF A WIDE RANGE OF IT APPLICATIONS

### Highlights

- True online double conversion  
Efficiency in online mode up to 93 %
- Efficiency in eco-mode up to 97%
- Configurable in tower format or rack-mount
- Cold Start available
- Low installation costs (plug and play)
- Easy maintenance
- Frequency converter operation (50 or 60 Hz)
- Full set of communication interfaces:  
SNMP  
Potential-free contacts  
RS-232  
USB

### High scalability

Two units of the 6 or 10 kVA models can be configured in parallel to provide redundancy or to increase the systems total capacity up to 20 kVA. All units can be fitted with up to four battery modules to extend runtime.



90° + Rotatable display

### Compact size

Because space in business premises can be at a premium, the ComPower Micro RT has been designed to be extremely compact.

### Flexible design

For full flexibility, ComPower Micro RT is configurable in tower or rack-mount format. The display is rotatable and therefore easy adjustable to your configuration needs.

### Easy serviceability

This ready-to-install and easily configurable UPS keep the installation costs down. Serviceability is additionally enhanced with user-replaceable batteries. The monitoring solutions enable remote fault analysis and ensure proactive component replacement.





**SCALABLE BATTERY RUNTIME**

ComPower Micro RT can be configured with matching battery modules to satisfy extended runtime demands. Easily replaceable (plug and play) batteries increase availability and reduce Mean Time to Repair (MTTR).



Up to 4 battery modules per UPS can be added

Power	1 kVA	2 kVA	3 kVA	6 kVA	10 kVA
UPS internal batteries	5 / 15	3 / 10	3 / 10	-	-
UPS +1 batt module	27 / 67	15 / 41	16 / 44	6 / 16	4 / 13
UPS +2 batt modules	53 / 124	30 / 82	32 / 87	16 / 42	13 / 30
UPS +3 batt modules	86 / 184	50 / 117	53 / 122	28 / 60	20 / 51
UPS +4 batt modules	113 / 246	68 / 160	74 / 167	42 / 96	30 / 68

\*Battery autonomy in minutes at full / half load







## **THYCON**

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THYCON INDUSTRIAL PTY LTD

20 Audrey Ave Coburg

3058 VIC Australia

PH 61 3 9319 9000

FAX 61 3 9319 9001

ABN 17 068 011 049

[www.thycon.com.au](http://www.thycon.com.au)

[info@thycon.com.au](mailto:info@thycon.com.au)

24 HR Service Australia

1800 670 700