

# CENTRAL BATTERY UNIT TKT4144



1~ N/PE  
220-240 VAC  
50 Hz

IP  
20

RAL  
9003

CE

EN  
50171

TKT41 series is an easy and inexpensive solution, for when you want to supply a relatively small number of luminaires in a limited area. The series also is suitable for premises, where the central battery system can be decentralized to several independent areas.

In TKT41xx there are, depending on the type, either 8 or 16 circuit outputs, which can be set in two circuit increments to either maintained or non-maintained.

Technical data:

input voltage 230 VAC

output voltage main supply 24 VAC

We reserve the rights to make modifications without notice.

Copyright © 2024 Teknoware. All rights reserved.

Date: May 20, 2024 | Source: [teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144](https://teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144)



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland  
Tel +358 3 883 020 | VAT-number FI01494751 | [teknoware.com](https://teknoware.com) | [emexit@teknoware.com](mailto:emexit@teknoware.com)

output voltage battery supply 24 VDC  
battery voltage 24 V is formed by two 12 V batteries connected in series  
In TKT41xx there are 8 or 16 output circuits  
max 20 luminaires per circuit

Product Code	TKT4144
Customs Code	85044090
GTIN Code	6438045005133
ETIM Product Class	EC002678
Length	420 mm
Width	244 mm
Height	602 mm
Weight	24 kg
Nominal Supply Voltage	1~ N/PE 220-240 VAC, 50 Hz
Nominal Output Voltage, Mains Supply	24 VAC
Output Voltage, Battery Supply	24 VDC
Battery Voltage	24 VDC
Max Battery Capacity	100 Ah
Space for Batteries	2 x 12 V / 38 Ah
Max total load, mains operation	960 VA
Max total load, battery operation 1 h	960 W
Max total load, battery operation 3 h	565 W
Number of Output Circuits	8 x 120 VA / W
Max Total Load, 1 h Duration	1370 W
Power Consumption	1200 VA
IP Class	IP20
Body Material	sheet metal
Colour	RAL9003

ONE OR MORE OF THESE IS ALSO REQUIRED:

## BATTERY CABINETS FOR CENTRAL BATTERY SYSTEMS



We reserve the rights to make modifications without notice.

Copyright © 2024 Teknoware. All rights reserved.

Date: May 20, 2024 | Source: [teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144](https://teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144)



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland  
Tel +358 3 883 020 | VAT-number FI01494751 | [teknoware.com](https://teknoware.com) | [emexit@teknoware.com](mailto:emexit@teknoware.com)

Product Code	Product Name	Space for Batteries
TK2310	Battery cabinet TK2310	2 x 12 V / 150 Ah
TK4100	Battery cabinet TK4100	2 x 12 V / 65 Ah

## BATTERY CABLES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Length of Battery Cable (m)
XJ996	Battery Cables XJ996	1,5

## BATTERIES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Battery Size (Ah)
TEA020	Sealed Lead Acid Battery TEA020	6,5
TEA021	Sealed Lead Acid Battery TEA021	17
TEA022	Sealed Lead Acid Battery TEA022	24
TEA023	Sealed Lead Acid Battery TEA023	38
TEA024	Sealed Lead Acid Battery TEA024	65
TEA024B	Sealed Lead Acid Battery TEA024B	100

## SPARE PARTS:

## SPARE PARTS FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Compatible Product Groups
W010002	Charger W010002	TKT41 Central Battery Systems
W020001	Output circuit board W020001	TKT41 Central Battery Systems
W040001	Temperature sensor W040001	TK23, TK23C, TKT31 Central Battery Systems, TKT41 Central Battery Systems
W040002	Main Switch W040002	TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT68C Central Battery Systems

We reserve the rights to make modifications without notice.  
 Copyright © 2024 Teknoware. All rights reserved.  
 Date: May 20, 2024 | Source: [teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144](https://teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144)

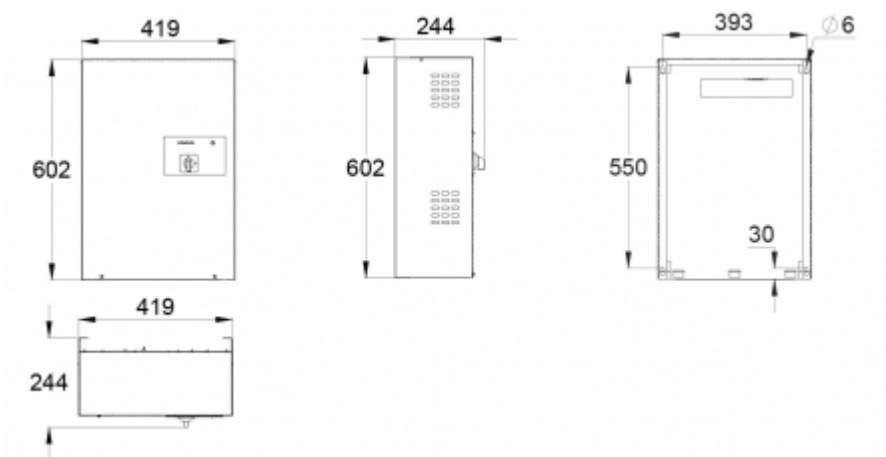


Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland  
 Tel +358 3 883 020 | VAT-number FI01494751 | [teknoware.com](https://teknoware.com) | [emexit@teknoware.com](mailto:emexit@teknoware.com)

We reserve the rights to make modifications without notice.  
Copyright © 2024 Teknoware. All rights reserved.  
Date: May 20, 2024 | Source: [teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144](https://teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144)

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland  
Tel +358 3 883 020 | VAT-number FI01494751 | [teknoware.com](https://teknoware.com) | [emexit@teknoware.com](mailto:emexit@teknoware.com)





We reserve the rights to make modifications without notice.  
 Copyright © 2024 Teknoware. All rights reserved.  
 Date: May 20, 2024 | Source: [teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144](https://teknoware.com/en/emergency-lighting/central-battery-unit-tkt4144)

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland  
 Tel +358 3 883 020 | VAT-number FI01494751 | [teknoware.com](https://teknoware.com) | [emexit@teknoware.com](mailto:emexit@teknoware.com)

