

TAPSA CONTROL CENTRAL BATTERY UNIT TKT6724C



3~ N/PE
220-240/
380-415 VAC
50/60 Hz

IP
31

RAL
9003

SGS
FI

TC
Certi

IC
Intelli
Control

CE

EN
50171

Central battery systems in TKT67 series give an efficient solution for a large number of luminaires. They are particularly suitable for large buildings.

TKT67C is quick to assemble as the terminals are conveniently located on the upper side of the unit and the fuses of the output circuits are at the terminals.

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Date: April 25, 2024 | Source:

www.teknoware.com/en/emergency-lighting/tapsa-control-central-battery-unit-kt6724c

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

 **TEKNOWARE®**

Technical data:

input voltage 220-240 VAC

output voltage in normal mode 220-240 VAC

output voltage in battery mode 216 VDC

battery voltage of 216 V is generated by 18 pieces of 12 V batteries connected in series

16, 24, 32, 40, 48 or 56 output circuits

8 x 350 VA, 4 x 700 VA or 2 x 1400 VA parallel connections are possible

max 32 luminaires per circuit (please note local restrictions)

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| | |
|----------------------------------------------------------|---------------------------------------|
| Product Code | TKT6724C |
| Customs Code | 85044090 |
| GTIN Code | 6438045009568 |
| ETIM Product Class | EC002678 |
| Length | 505 mm |
| Width | 602 mm |
| Height | 1950 mm |
| Weight | 121 kg |
| Nominal Supply Voltage | 3~ N/PE 220-240/380-415 VAC, 50/60 Hz |
| Nominal Output Voltage, Mains Supply | 220-240 VAC |
| Output Voltage, Battery Supply | 216 VDC |
| Battery Voltage | 216 VDC |
| Max Battery Capacity | 450 Ah |
| Required Short Circuit Current per Single Output Circuit | 10 A |
| Max Load Inrush Current per Single Output Circuit / 1 ms | 120/250/300 A |
| Max total load, mains operation | 8400 VA |
| Max total load, battery operation 1 h | 8400 W |
| Max total load, battery operation 3 h | 8400 W |
| Number of Output Circuits | 24 x 350 VA / W |
| Max Total Load, 1 h Duration | 8400 W |
| Max Total Load, 3 h Duration | 8400 W |
| Power Consumption | 14000 VA |
| IP Class | IP31 |
| Certifications | SGS Fimko |
| Body Material | sheet metal |
| Colour | RAL9003 |

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ONE OR MORE OF THESE IS ALSO REQUIRED:

BATTERY CABINETS FOR CENTRAL BATTERY SYSTEMS



| Product Code | Product Name | Space for Batteries |
|--------------|--------------------------|---------------------|
| TKT6500 | Battery cabinet TKT6500 | 6 x 12 V / 100 Ah |
| TKT6500P | Battery cabinet TKT6500P | 6 x 12 V / 100 Ah |

BATTERY CABLES FOR CENTRAL BATTERY SYSTEMS



| Product Code | Product Name | Length of Battery Cable (m) |
|--------------|-----------------------|-----------------------------|
| XJ997E | Battery Cables XJ997E | 3,5 |

BATTERIES FOR CENTRAL BATTERY SYSTEMS



| Product Code | Product Name | Battery Size (Ah) |
|--------------|----------------------------------|-------------------|
| TEA024 | Sealed Lead Acid Battery TEA024 | 65 |
| TEA024B | Sealed Lead Acid Battery TEA024B | 100 |
| TEA024C | Sealed Lead Acid Battery TEA024C | 200 |
| TEA024D | Sealed Lead Acid Battery TEA024D | 150 |

OPTIONAL ACCESSORIES:

WEBCM CENTRAL MONITORING SYSTEM / WEBACM CENTRAL MONITORING SOFTWARE



| Product Code | Product Name | Compatible Product Groups |
|--------------|-------------------------|--------------------------------|
| TST6724 | WebCM Interface TST6724 | TKT67C Central Battery Systems |

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ACM ADVANCED CENTRAL MONITORING SOFTWARE



| Product Code | Product Name | Compatible Product Groups |
|--------------|-----------------------|--------------------------------|
| TST6721 | ACM Interface TST6721 | TKT67C Central Battery Systems |

BACNET INTERFACE



| Product Code | Product Name | Compatible Product Groups |
|--------------|--------------------------|--------------------------------|
| TST6701 | BACnet Interface TST6701 | TKT67C Central Battery Systems |

INTELLIGENT CONTROLLERS FOR CENTRAL BATTERY SYSTEMS



| Product Code | Product Name | Compatible Products |
|--------------|----------------------|---------------------|
| TST6752 | IC Interface TST6752 | TKT6716C |
| TST6753 | IC Interface TST6753 | TKT6724C |
| TST6754 | IC Interface TST6754 | TKT6732C |
| TST6755 | IC Interface TST6755 | TKT6740C |
| TST6756 | IC Interface TST6756 | TKT6748C |
| TST6757 | IC Interface TST6757 | TKT6756C |

OTHER EXTERNAL MODULES FOR CENTRAL BATTERY SYSTEMS



| Product Code | Product Name |
|--------------|----------------------------|
| TST6732 | LCD Display Module TST6732 |

SPARE PARTS:

SPARE PARTS FOR EMERGENCY LIGHTS



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| Product Code | Product Name | Compatible Product Groups |
|--------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| W100008 | Ballast W100008 | TKT66C Central Battery Systems, ESC 10 Emergency Exit Lights |
| W120011 | Battery package W120011 | TKT66C Central Battery Systems, TKT67C Central Battery Systems, ESC 90 Emergency Exit Lights, ESC 81 Emergency Exit Lights, ESC 80 Emergency Exit Lights |

SPARE PARTS FOR CENTRAL BATTERY SYSTEMS



| Product Code | Product Name | Compatible Product Groups |
|--------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| W010005 | Charger W010005 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W010007 | Charger W010007 | TKT67C Central Battery Systems |
| W010008 | Charger control unit W010008 | TKT67C Central Battery Systems |
| W020007 | Output circuit board W020007 | TKT66C Central Battery Systems, TKT67C Central Battery Systems |
| W030004 | Internal power supply unit W030004 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W030005 | Central unit board W030005 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W030007 | Internal bus current voltage supply W030007 | TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W030008 | Control board W030008 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W030009 | Charger switch W030009 | TKT67C Central Battery Systems |
| W040003 | Temperature sensor W040003 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W040004 | Data cable W040004 | TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W040005 | Outputs off switch W040005 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W040006 | Main switch W040006 | TKT67C Central Battery Systems |
| W040007 | Printing tape W040007 | TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |

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| Product Code | Product Name | Compatible Product Groups |
|--------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| W040008 | Colour ribbon W040008 | TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |

