

TAPSA CONTROL CENTRAL BATTERY UNIT TKT6616CP



We recommend TKT66 series in particular for medium sized and large buildings. TKT66 is also a good choice with a central battery system in several independent areas.

TKT66 series central battery system offers an effective solution to supply medium to high

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Date: May 09, 2024 | Source: teknoware.fi/en/emergency-lighting/tapsa-control-central-battery-unit-tkt6616cp

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number of luminaires.

TKT66 series has the advantage of easy and quick installation, as the connectors are conveniently located on the top edge and the output fuses on the connectors.

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
8, 16 or 24 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 | TKT6616CP |
| Customs Code | 85044090 |
| GTIN Code | 6438045018348 |
| ETIM Product Class | EC002678 |
| Length | 690 mm |
| Width | 262 mm |
| Height | 872 mm |
| Weight | 33,8 kg |
| Nominal Supply Voltage | 1~ N/PE 220-240 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 | 65 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 | 2580 VA |
| Max total load, battery operation 1 h | 5600 W |
| Max total load, battery operation 3 h | 3340 W |
| Number of Output Circuits | 16 x 350 VA / W |
| Max Total Load, 1 h Duration | 5600 W |
| Max Total Load, 3 h Duration | 3340 W |
| Power Consumption | 3680 VA |
| IP Class | IP34 |
| 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 |
|--------------|--------------------------|---------------------|
| TK6500B | Battery cabinet TK6500B | 18 x 12 V / 15 Ah |
| TK6500BP | Battery cabinet TK6500BP | 18 x 12 V / 15 Ah |
| 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) |
|--------------|-----------------------|-----------------------------|
| XJ997 | Battery Cables XJ997 | 1,5 |
| XJ997B | Battery Cables XJ997B | 1,5 |
| XJ997C | Battery Cables XJ997C | 2,5 |
| XJ997E | Battery Cables XJ997E | 3,5 |

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 |

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OPTIONAL ACCESSORIES:

WEBCM CENTRAL MONITORING SYSTEM / WEBACM CENTRAL MONITORING SOFTWARE



| Product Code | Product Name | Compatible Product Groups |
|--------------|-------------------------|--------------------------------|
| TST6624 | WebCM Interface TST6624 | TKT66C Central Battery Systems |

ACM ADVANCED CENTRAL MONITORING SOFTWARE



| Product Code | Product Name | Compatible Product Groups |
|--------------|-----------------------|--------------------------------|
| TST6621 | ACM Interface TST6621 | TKT66C Central Battery Systems |

BACNET INTERFACE



| Product Code | Product Name | Compatible Product Groups |
|--------------|--------------------------|--------------------------------|
| TST6601 | BACnet Interface TST6601 | TKT66C Central Battery Systems |

INTELLIGENT CONTROLLERS FOR CENTRAL BATTERY SYSTEMS



| Product Code | Product Name | Compatible Products |
|--------------|----------------------|---------------------|
| TST6651 | IC Interface TST6651 | TKT6608C |
| TST6652 | IC Interface TST6652 | TKT6616C |
| TST6653 | IC Interface TST6653 | TKT6624C |

OTHER EXTERNAL MODULES FOR CENTRAL BATTERY SYSTEMS



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| Product Code | Product Name |
|--------------|----------------------------|
| TST6632 | LCD Display Module TST6632 |

SPARE PARTS:

SPARE PARTS FOR CENTRAL BATTERY SYSTEMS

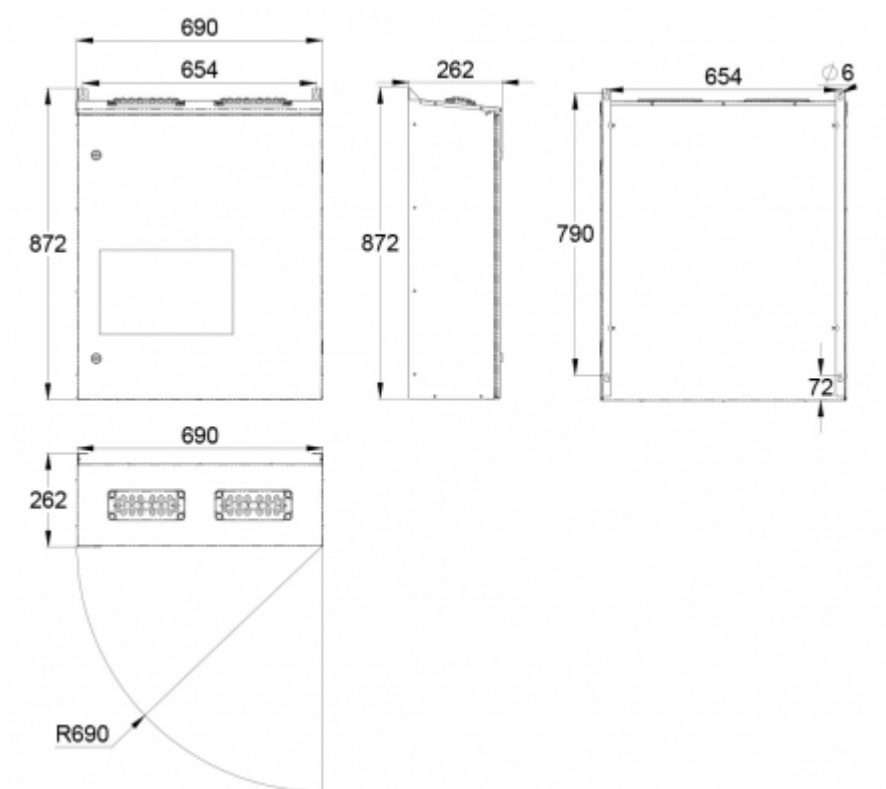


| Product Code | Product Name | Compatible Product Groups |
|--------------|---|--|
| W010005 | Charger W010005 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W020007 | Output circuit 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 |
| W040002 | Main Switch W040002 | TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT68C 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 |
| W040007 | Printing tape W040007 | TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W040008 | Colour ribbon W040008 | TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |

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