

CENTRAL BATTERY UNIT TKT6518BF



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

IP
20

RAL
9003

CE

EN
50171

TKT65B series central battery system offers an effective solution to supply medium to high number of emergency and exit lights. It is suitable for medium sized buildings.

The new TKT65xxBP models are equipped with a door and their enclosure class is IP34.

Technical data:

input voltage 230 VAC

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Date: May 05, 2024 | Source:
www.teknoware.fi/en/emergency-lighting/central-battery-unit-tkt6518bf

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 **TEKNOWARE®**

output voltage under normal conditions 230 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
6, 12, 18 or 24 output circuits

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| | |
|--|---------------------------------------|
| Product Code | TKT6518BF |
| Customs Code | 85044090 |
| GTIN Code | 6438045010342 |
| ETIM Product Class | EC002678 |
| Length | 242 mm |
| Width | 518 mm |
| Height | 765 mm |
| Weight | 31 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 | 65 Ah |
| Required Short Circuit Current per Single Output Circuit | 11 A |
| Max Load Inrush Current per Single Output Circuit / 1 ms | 120 A |
| Max total load, mains operation | 4500 VA |
| Max total load, battery operation 1 h | 4500 W |
| Max total load, battery operation 3 h | 3340 W |
| Number of Output Circuits | 18 x 250 VA / W |
| Max Total Load, 1 h Duration | 4500 W |
| IP Class | IP20 |
| Body Material | sheet metal |
| Colour | RAL9003 |

ONE OR MORE OF THESE IS ALSO REQUIRED:

BATTERY CABINETS FOR CENTRAL BATTERY



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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 |

SPARE PARTS:

SPARE PARTS FOR CENTRAL BATTERY



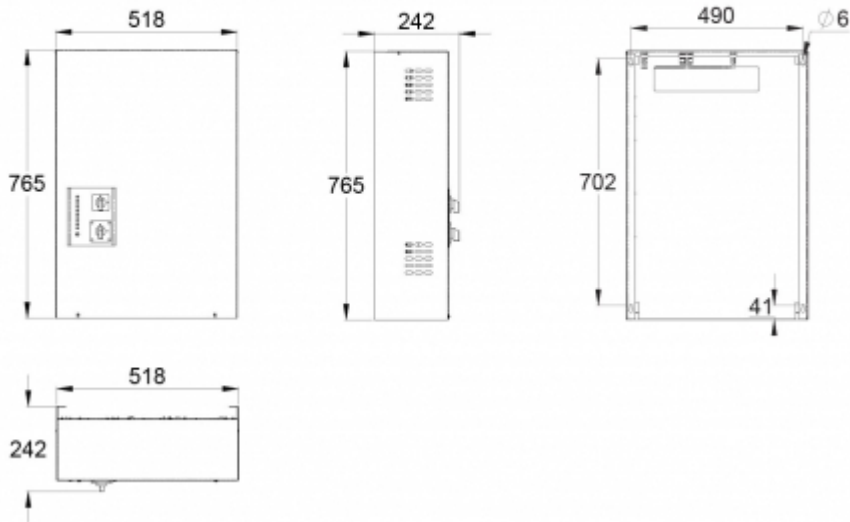
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SYSTEMS

| 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 |
| W020004 | Output circuit board W020004 | TKT65B 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 |
| W030008 | Control board W030008 | TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems |
| W030010 | Internal power supply unit W030010 | TKT65B 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 |
| 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 |



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