

TAPSA CONTROL CENTRAL BATTERY UNIT

TKT6816CF

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Date: April 30, 2024 | Source:

www.teknoware.com/en/emergency-lighting/tapsa-control-central-battery-unit-kt6816cf

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Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com





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

IP
31

RAL
9003

Tapsa
TC

Intelli
IC

CE

EN
50171

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 **TEKNOWARE®**

Central battery system in TKT68 series offers a space saving and efficient emergency lighting solution. Central battery systems include space for batteries, so it is suitable to be placed in locations where space is limited.

We recommend TKT68 series especially for medium sized and large buildings. TKT68XXC also allows the decentralization of central battery systems to several independent areas. TKT68 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.

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

includes space for 65 Ah battery

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	TKT6816CF
Customs Code	85044090
GTIN Code	6438045010052
ETIM Product Class	EC002678
Length	512 mm
Width	800 mm
Height	1930 mm
Weight	147 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
Space for Batteries	18 x 12 V / 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	5600 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	6700 VA
IP Class	IP31
Body Material	sheet metal
Colour	RAL9003

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ONE OR MORE OF THESE IS ALSO REQUIRED:

BATTERY CABLES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Length of Battery Cable (m)
XJ997G	Battery Cables XJ997G	

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

OPTIONAL ACCESSORIES:

WEBCM CENTRAL MONITORING SYSTEM / WEBACM CENTRAL MONITORING SOFTWARE



Product Code	Product Name	Compatible Product Groups
TST6824	WebCM Interface TST6824	TKT68C Central Battery Systems

ACM ADVANCED CENTRAL MONITORING SOFTWARE



Product Code	Product Name	Compatible Product Groups
TST6821	ACM Interface TST6821	TKT68C Central Battery Systems

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BACNET INTERFACE



Product Code	Product Name	Compatible Product Groups
TST6823	BACnet Interface TST6823	TKT68C Central Battery Systems

INTELLIGENT CONTROLLERS FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Compatible Products
TST6851	IC Interface TST6851	TKT6808C
TST6852	IC Interface TST6852	TKT6816C
TST6853	IC Interface TST6853	TKT6824C

OTHER EXTERNAL MODULES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name
TST6832	LCD Display Module TST6832

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
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

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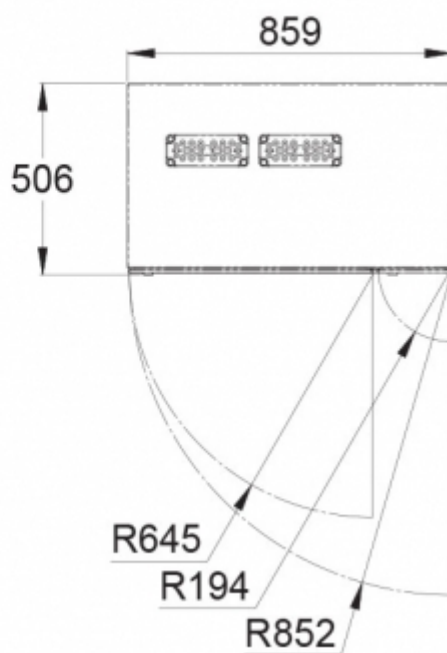
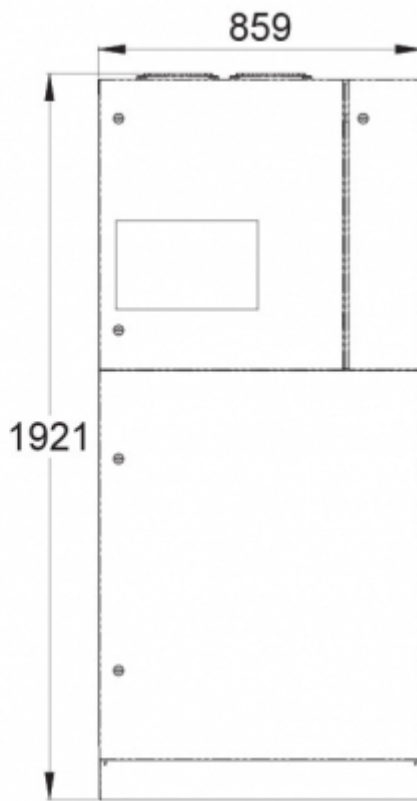
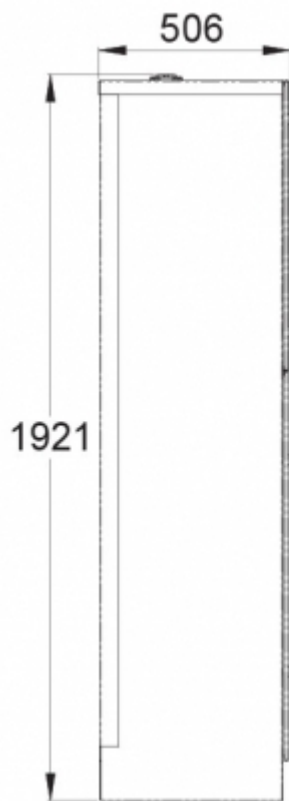
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Product Code	Product Name	Compatible Product Groups
W030008	Control board W030008	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W040002	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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