

BATTERIES

Product code	Size of the battery (Ah)	Dimensions (mm)	Weight (kg)
TEA020	6,5 Ah / 12 V	151 x 65 x 98	2,4
TEA021	15 Ah / 12 V	181 x 76 x 167	5,9
TEA022	24 Ah / 12 V	166 x 175 x 125	8,7
TEA023	38 Ah / 12 V	197 x 165 x 173	13,8
TEA024	65 Ah / 12 V	350 x 166 x 174	22,8
TEA024B	100 Ah / 12 V	327 x 168 x 210	33,5
TEA024D	150 Ah / 12 V	485 x 172 x 240	47,0



BATTERY CAPACITY / BATTERY MODE DURATION

| 10 % reserve is recommended for the loads (W) mentioned in the table.

TKT3122 AND TKT41xx CENTRAL BATTERY SYSTEMS

Battery capacity 2 x 12 V (24 V)	Max load, 1 h operation time	Max load, 3 h Operationtime
TEA020 / 6,5 Ah	95 W	40 W
TEA021 / 15 Ah	180 W	85 W
TEA022 / 24 Ah	290 W	135 W
TEA023 / 38 Ah	490 W	220 W
TEA024 / 65 Ah	800 W	360 W
TEA024B / 100 Ah	1370 W	565 W

TKT65xx(C), TKT66xxC AND TKT68xxC CENTRAL BATTERY SYSTEMS

Battery capacity 18 x 12 V (216 V)	Max load, 1 h operation time	Max load, 3 h Operationtime
TEA020 / 6,5 Ah	870 W	350 W
TEA021 / 15 Ah	1700 W	770 W
TEA022 / 24 Ah	2720 W	1250 W
TEA023 / 38 Ah	4550 W	2050 W
TEA024 / 65 Ah	6000 W	3340 W

TKT67xxC CENTRAL BATTERY SYSTEMS

Battery capacity 18 x 12 V (216 V)	Max load, 1 h operation time	Max load, 3 h Operationtime
TEA024 / 65 Ah	7500 W	3340 W
TEA024B / 100 Ah	11780 W	5050 W
TEA024D / 150 Ah	17670 W	7580 W
TEA024C 200 Ah (2 x 100 Ah)	19600 W	10010 W
300 Ah (2 x 150 Ah)	-	15160 W
400 Ah (2 x 200 Ah)	-	19600 W

SHORT CIRCUIT CURRENT OF CIRCUIT CABLES

Fuses of Central Battery Systems	Required short circuit current for 0,4 s tripping time	Max length of 1,5 mm ² cable	Max length of 2,5 mm ² cable	Max length of 6 mm ² cable
TK23xx	11 A	800 m	1300 m	3200 m
TKT65xxB	11 A	800 m	1300 m	3200 m
TKT65xxC*)	7 A	1200 m	2000 m	5000 m
TKT66xxC*), TKT67xxC*) and TKT68xxC*)	10 A	900 m	1500 m	3600 m

| *) with addressable luminaires max cable length is 500 m