





RANGE SUMMARY

Towerline Battery Types


2CP200
2CP400
2CP450
2CP550
2CP650
2CP800
2CP900
2CP1000
2CP1200
2CP1400
2CP1600
2CP2000
2CP3000

Type	2CP200	2CP400	2CP450	2CP550
Part number	70770200	70700400	61330450	61340550
Electrical Data				
Nominal voltage	2 V	2 V	2 V	2 V
Number of cells	1	1	1	1
Rated capacity C ₁₀ to 1.80 Vpc at 20 °C	206 Ah	406 Ah	452 Ah	552 Ah
Current/Power for 0.25 h back-up time 1.60 Vpc 20 °C	415 A 738 W	813,9 A 1379 W	791 A 1365 W	1021 A 1748 W
Current/Power for 10.0 h back-up time 1.80 Vpc 20 °C	20.6 A 38.6 W	40.6 A 76.8 W	45.2 A 87.7 W	55.2 A 106 W
Heat loss during float service at 20 °C	≈ 0.24 W	≈ 0.41 W	≈ 0.45 W	≈ 0.55 W
Mechanical Data				
Weight ready for use	15 kg	30.1 kg	35.7 kg	42.4 kg
Height of monobloc	251.5 mm	349 mm	507 mm	507 mm
Height over terminal connector	259 mm	356.50 mm	512 mm	512 mm
Width	157 mm	198 mm	206 mm	206 mm
Depth	125 mm	136 mm	124 mm	145 mm
Number of terminals	1⊕/1⊖	1⊕/1⊖	1⊕/1⊖	2⊕/2⊖
Terminals	M10 F	M10 F	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)
Suggested/maximum cable cross-section	185 mm ²	185 mm ²	2 · 185 mm ² *)	4 · 185 mm ² *) up to 6 · 185 mm ² / or 4 · 240 mm ² *)
Environmental Data				
Installation	vertically/ horizontally	vertically/ horizontally	vertically/ horizontally	vertically/ horizontally
UL file number 	MH 26065	MH 26065	MH 26065	MH 26065
Service life expected at 20 °C	15 years	15 years	15 years	15 years
Eurobat Classification	12+ Long Life	12+ Long Life	12+ Long Life	12+ Long Life
ABS – UL 94 HB	-	standard	-	-
ABS-PC – UL 94 V-0 with LOI > 32%, halogen-free	x	not available	x	x
Flame retardancy rating case/cover according to Underwriters Laboratories (UL) USA				

*) for UPS duties the connecting cables must be dimensioned specially

Type	2CP650	2CP800	2CP900	2CP1000
Part number	61350650	61360800	61360900	61361000
Electrical Data				
Nominal voltage	2 V	2 V	2 V	2V
Number of cells	1	1	1	1
Rated capacity C ₁₀ to 1.80 Vpc at 20 °C	652 Ah	804 Ah	905 Ah	1010 Ah
Current/Power for 0.25 h back-up time 1.60 Vpc 20 °C	1200.4 A 2066 W	1480 A 2544 W	1664 A 2863 W	1851 A 3180 W
Current/Power for 10.0 h back-up time 1.80 Vpc 20 °C	65.2 A 126 W	80.4 A 155 W	90.5 A 175 W	101 A 193 W
Heat loss during float service at 20 °C	≈ 0.65 W	≈ 0.80 W	≈ 0.90 W	≈ 1.00 W
Mechanical Data				
Weight ready for use	50.9 kg	59.8 kg	65.8 kg	73.9 kg
Height of monobloc	507 mm	507 mm	507 mm	507 mm
Height over terminal connector	512 mm	512 mm	512 mm	512 mm
Width	206 mm	210 mm	210 mm	210 mm
Depth	166 mm	254 mm	254 mm	254 mm
Number of terminals	2 ⊕/2 ⊖	2 ⊕/2 ⊖	2 ⊕/2 ⊖	2 ⊕/2 ⊖
Terminals	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)
Suggested/maximum cable cross-section	4 · 185 mm ^{2*}) up to 6 · 185 mm ² / or 4 · 240 mm ^{2*})	4 · 185 mm ^{2*}) up to 6 · 185 mm ² / or 4 · 240 mm ^{2*})	4 · 185 mm ^{2*}) up to 6 · 185 mm ² / or 4 · 240 mm ^{2*})	4 · 185 mm ^{2*}) up to 6 · 185 mm ² / or 4 · 240 mm ^{2*})
Environmental Data				
Installation	vertically/ horizontally	vertically/ horizontally	vertically/ horizontally	vertically/ horizontally
UL file number  ®	MH 26065	MH 26065	MH 26065	MH 26065
Service life expected at 20 °C	15 years	15 years	15 years	15 years
Eurobat Classification	12+ Long Life	12+ Long Life	12+ Long Life	12+ Long Life
ABS – UL 94 HB	-	standard	-	-
ABS-PC – UL 94 V-0 with LOI > 32%, halogen-free	x	x	x	x
Flame retardancy rating case/cover according to Underwriters Laboratories (UL) USA				

*) for UPS duties the connecting cables must be dimensioned specially

Type	2CP1200	2CP1400	2CP1600	2CP2000	2CP3000
Part number	61361200	61361400	61361600	61362000	61363000
Electrical Data					
Nominal voltage	2 V	2 V	2 V	2 V	2 V
Number of cells	1	1	1	1	1
Rated capacity C ₁₀ to 1.80 Vpc at 20 °C	1200 Ah	1410 Ah	1610 Ah	1900 Ah	2800 Ah
Current/Power for 0.25 h back-up time 1.60 Vpc 20 °C	1926 Ah 3049 W	2288 Ah 3621 W	2433 Ah 4036 W	2730.0 Ah 4755.3 W	4027.6 Ah 7280 W
Current/Power for 10.0 h back-up time 1.80 Vpc 20 °C	120 A 232 W	141 A 270 W	161 A 307 W	190 A 342.5 W	280 A 511.1 W
Heat loss during float service at 20 °C	≈ 1.20 W	≈ 1.40 W	≈ 1.60 W	≈ 2.00 W	≈ 3.00 W
Mechanical Data					
Weight ready for use	89.0 kg	102.0 kg	116.0 kg	120 kg	180 kg
Depth of monobloc	641 mm	641 mm	641 mm	641 mm	767 mm
Depth over terminal connector	682 mm	682 mm	682 mm	682 mm	809 mm
Width	210 mm	210 mm	210 mm	210 mm	214 mm
Height (operate horizontally only)	275 mm **)	275 mm **)	275 mm **)	275 mm **)	398 mm **)
Number of terminals	2⊕/2⊖	2⊕/2⊖	2⊕/2⊖	3⊕/3⊖	4⊕/4⊖
Terminals	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)	Ø 8.5 mm (through hole M8)
Suggested/maximum cable cross-section	4 · 185 mm ² *) up to 6 · 185 mm ² / or 4 · 240 mm ² *)	4 · 185 mm ² *) up to 6 · 185 mm ² / or 4 · 240 mm ² *)	4 · 185 mm ² *) 6 · 185 mm ² / or 4 · 240 mm ² *)	6 · 185 mm ²	8 · 185 mm ²
Environmental Data					
Installation	only horizontally	only horizontally	only horizontally	only horizontally	only horizontally
UL file number 	MH 26065	MH 26065	MH 26065	MH 26065	MH 26065
Service life expected at 20 °C	15 years	15 years	15 years	15 years	15 years
Eurobat Classification	12+ Long Life	12+ Long Life	12+ Long Life	12+ Long Life	12+ Long Life
ABS – UL 94 HB	-	-	-	-	-
ABS-PC – UL 94 V-0 with LOI > 32%, halogen-free	x	x	x	x	x
Flame retardancy rating case/cover according to Underwriters Laboratories (UL) USA					

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**) operate horizontally only



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
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