



UNICABLE battery cables

HIGH QUALITY AND FLEXIBILITY

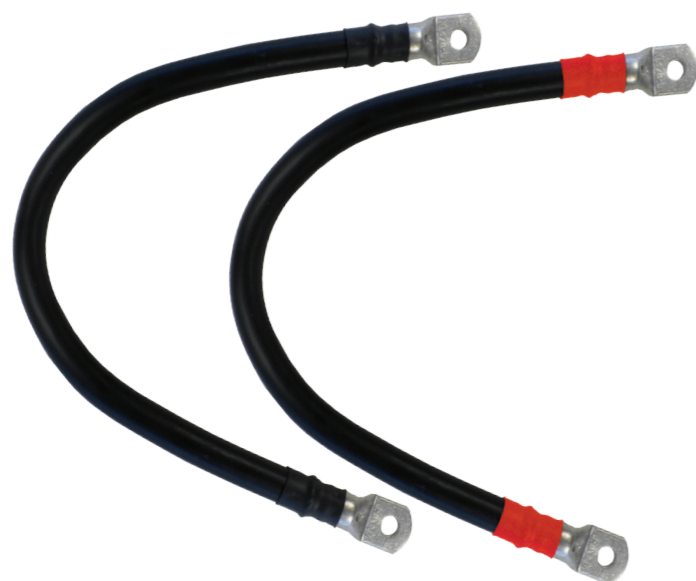
UNICABLE BAT is the reference cable to connect your batteries between them or to make your DC power connections (converters, battery switch...).

Its high quality design (100% flexible multi-stranded copper cable core + lugs with automated hexagonal crimping + thick thermo-glued sheath) guarantees an optimal energy transfer without any power loss, even at high current.

UNITECK

- High quality wire (type HO7 RVK)
- Isolated wire and resistant to extreme conditions (-30°C to 85°C)
- Extra flexible multi-strand cable
- Fire-protection sleeve, adaptable, oils and acids resistant
- Automated hexagonal crimping

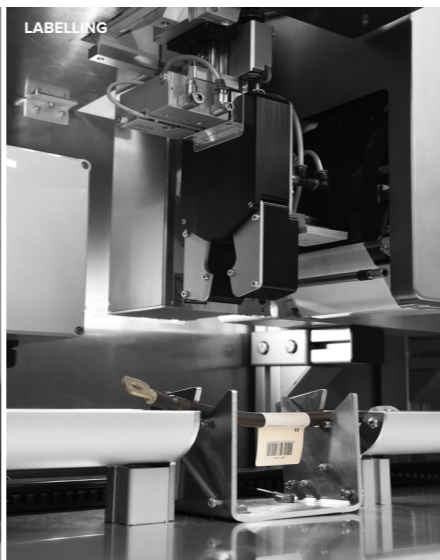
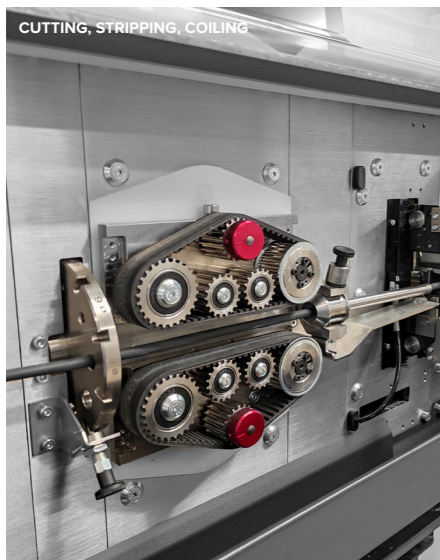
Designed, made in France



100% flexible multi-stranded copper cable core



PVC insulating cover



UNICABLE battery cables

BATTERY(IES) > BATTERY

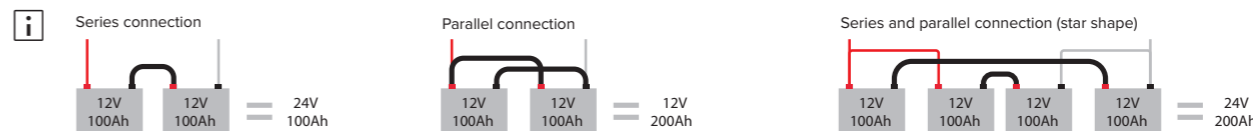
	Cross section	Length	Terminals	12 V battery fleet ΔV < 0,5% Max. current	24 V battery fleet ΔV < 0,5% Max. current
In parallel			M8/M8		
Ref 2242	25 mm ²	20 cm x 2	M8/M8	180 A	360 A
Ref 2259	35 mm ²	20 cm x 2	M8/M8	250 A	500 A
Ref 2266	25 mm ²	40 cm x 2	M8/M8	90 A	180 A
Ref 2273	35 mm ²	40 cm x 2	M8/M8	125 A	250 A
Ref 2532	50 mm ²	40 cm x 2	M8/M8	180 A	360 A
Ref 2976	16 mm ²	100 cm x 2	M8/M8	20 A	40 A
Ref 2754	25 mm ²	100 cm x 2	M8/M8	35 A	70 A
Ref 2761	35 mm ²	100 cm x 2	M8/M8	50 A	100 A
Ref 2778	50 mm ²	100 cm x 2	M8/M8	70 A	140 A
Ref 2785	70 mm ²	100 cm x 2	M8/M8	100 A	200 A
Ref 2983	16 mm ²	200 cm x 2	M8/M8	10 A	20 A
Ref 2990	25 mm ²	200 cm x 2	M8/M8	17 A	35 A
Ref 3003	35 mm ²	200 cm x 2	M8/M8	25 A	50 A
Ref 3010	50 mm ²	200 cm x 2	M8/M8	35 A	70 A
In serie					
Ref 2280	25 mm ²	20 cm	M8/M8	360 A	715 A
Ref 2297	35 mm ²	20 cm	M8/M8	500 A	1000 A

i Section = copper resistivity (=0.021) x length (in meters) x current / permissible voltage drop in value (0,5% to avoid battery imbalance)

M8/M8 POWER CABLES

	Cross section	Length	Terminals	12 V battery fleet ΔV < 3% Max. current	24 V battery fleet ΔV < 3% Max. current
Multi-use			M8/M8		
Ref 2884	16 mm ²	20 cm	M8/M8	650 A	1360 A
Ref 2907	25 mm ²	20 cm	M8/M8	1070 A	2150 A
Ref 2914	35 mm ²	20 cm	M8/M8	1500 A	3000 A
Ref 1825	25 mm ²	25 cm	M8/M8	850 A	1700 A
Ref 2020	35 mm ²	25 cm	M8/M8	1200 A	2400 A
Ref 2037	50 mm ²	25 cm	M8/M8	1700 A	3400 A

i Cross-section = copper resistivity (=0.021) x length (in meters) x current / permissible voltage drop in value (3% for an optimal supply)





UNICABLE battery cables

M8/M8 POWER CABLES



	Cross section	Length	Terminals	12 V battery fleet $\Delta V < 3\%$	24 V battery fleet $\Delta V < 3\%$
				Max. current	Max. current
Multi-use			M8/M8		
Ref 2891	16 mm ²	40 cm	M8/M8	340 A	680 A
Ref 1658	25 mm ²	40 cm	M8/M8	530 A	1050 A
Ref 1665	35 mm ²	40 cm	M8/M8	750 A	1500 A
Ref 1672	50 mm ²	40 cm	M8/M8	1050 A	2100 A
Ref 1689	70 mm ²	40 cm	M8/M8	1500 A	3000 A
Ref 1696	95 mm ²	40 cm	M8/M8	2000 A	4000 A
Ref 3447	35 mm ²	70 cm	M8/M8		
Ref 2389	25 mm ²	150 cm	M8/M8	140 A	280 A
Ref 1764	35 mm ²	150 cm	M8/M8	200 A	400 A
Ref 1771	50 mm ²	150 cm	M8/M8	285 A	570 A
Ref 1788	70 mm ²	150 cm	M8/M8	400 A	800 A
Ref 1795	95 mm ²	150 cm	M8/M8	540 A	1080 A
Ref 3539	25 mm ²	200 cm	M8/M8	100 A	200 A
Ref 3553	35 mm ²	200 cm	M8/M8	150 A	300 A
Ref 3577	50 mm ²	200 cm	M8/M8	210 A	420 A
Ref 3591	70 mm ²	200 cm	M8/M8	300 A	600 A
Ref 2976	16 mm ²	100 cm x 2	M8/M8		
Ref 2754	25 mm ²	100 cm x 2	M8/M8	210 A / 2,5 kW	420 A / 10 kW
Ref 2761	35 mm ²	100 cm x 2	M8/M8	300 A / 3,6 kW	600 A / 14,4 kW
Ref 2778	50 mm ²	100 cm x 2	M8/M8	430 A / 5,1 kW	860 A / 20,6 kW
Ref 2785	70 mm ²	100 cm x 2	M8/M8	600 A / 7,2 kW	1200 A / 28,8 kW

i Cross-section = copper resistivity (=0.021) x length (in meters) x current / permissible voltage drop in value (3% for an optimal supply)

M8/NU POWER CABLES



	Cross section	Length	Terminals	12 V battery fleet $\Delta V < 3\%$	24 V battery fleet $\Delta V < 3\%$
				Max. current	Max. current
Multi-use			M8/NU		
Ref 1832	25 mm ²	150 cm	M8/NU	140 A	280 A
Ref 2440	35 mm ²	150 cm	M8/NU	200 A	400 A
Ref 2457	50 mm ²	150 cm	M8/NU	285 A	570 A
Ref 2464	70 mm ²	150 cm	M8/NU	400 A	800 A



UNICABLE battery cables

M8/M10 POWER CABLES



	Cross section	Length	Terminals	12 V battery fleet $\Delta V < 3\%$	24 V battery fleet $\Delta V < 3\%$
				Max. current	Max. current
Multi-use			M8/M10		
Ref 1801	25 mm ²	40 cm	M8/M10	530 A	1050 A
Ref 2310	35 mm ²	40 cm	M8/M10	750 A	1500 A
Ref 2327	50 mm ²	40 cm	M8/M10	1050 A	2100 A
Ref 2334	70 mm ²	40 cm	M8/M10	1500 A	3000 A
Ref 2341	95 mm ²	40 cm	M8/M10	2000 A	4000 A
Ref 2433	25 mm ²	150 cm	M8/M10	140 A	280 A
Ref 2396	35 mm ²	150 cm	M8/M10	200 A	400 A
Ref 2402	50 mm ²	150 cm	M8/M10	285 A	570 A
Ref 2419	70 mm ²	150 cm	M8/M10	400 A	800 A
Ref 2426	95 mm ²	150 cm	M8/M10	540 A	1080 A

M10/M10 POWER CABLES



	Cross section	Length	Terminals	12 V battery fleet $\Delta V < 3\%$	24 V battery fleet $\Delta V < 3\%$
				Max. current	Max. current
Multi-use			M10/M10		
Ref 2358	50 mm ²	40 cm	M10/M10	1050 A	2100 A
Ref 2365	70 mm ²	40 cm	M10/M10	1500 A	3000 A
Ref 2372	95 mm ²	40 cm	M10/M10	2000 A	4000 A

M10/NU POWER CABLES



	Cross section	Length	Terminals	12 V battery fleet $\Delta V < 3\%$	24 V battery fleet $\Delta V < 3\%$
				Max. current	Max. current
Multi-use			M10/NU		
Ref 2471	25 mm ²	150 cm	M10/NU	140 A	280 A
Ref 2488	35 mm ²	150 cm	M10/NU	200 A	400 A
Ref 2495	50 mm ²	150 cm	M10/NU	285 A	570 A
Ref 2501	70 mm ²	150 cm	M10/NU	400 A	800 A