

ELECTRO A

**Three phase chargers for lead-acid drive batteries.
Charging curves as per standard DIN 41774.
Curve type Wa - slow charge (10 h to 14 h)
Curve type WoWa - fast charge (7 h to 8 h)**

ELECTRO A is simple.

- Automatic starting of the charge on connection of the battery.
- Automatic charging fully controlled by microprocessor.
- Display of each stage of charging via LED diodes.
- One common electronic board for the entire product range.

ELECTRO A is comprehensive.

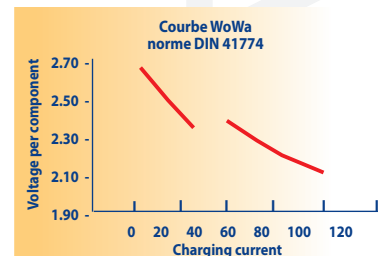
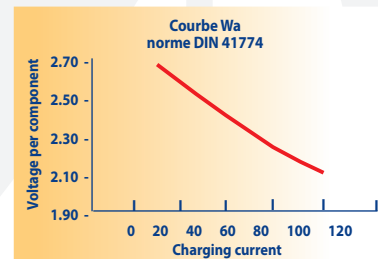
- Two-voltage chargers: 230V/400V .
- Adaptation of charging curve to high or low mains power.
- Automatic compensation charging against self-discharge caused by long periods of non-use.
- Programmable equalisation charge.
- Charger delivered with 3 m of battery and mains cables.

ELECTRO A is advanced.

- Charging by coefficient calculation to ensure a constant rate of charge regardless of the battery's discharge status and mains variations.
- Limitation of boost charges to prevent unnecessary charging cycles.
- Data backup in case of mains cutoff.
- Detection of charging incidents with indication by LED diode coding (in version Electro +: display on digital screen)
- Access to charging information and possible adjustments via Nordyne BCC or the menu button (on Electro + models).

ELECTRO A is safe.

- Charging cycle protected by safety timers.
- Protective thermal circuit breaker for power transformer.
- Ultra-fast protective fuse for battery.
- Pause button for battery disconnection in total safety



Housing dimensions (L x l x h)

- Cabinet A1**
520 x 325 x 755 mm
- Cabinet A2**
650 x 395 x 825 mm
- Cabinet A3**
805 x 465 x 1005 mm

OPTIONS :

- Electro + - Digital display of charging information
 - Access to history of 10 last charges
 - Adjustment of charging curve to specific operating conditions
- Electrolyte mixing pump.
- LEDs offset.
- Emergency stop offset.
- * Safety Buzzer

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ELECTRO A

Slow charge - Three-phase power supply 230 V/400V

Fast charge- Three-phase power supply 230 V/400V

Voltage	Model	Battery capacity (Ah) / Charging time		Mains current (A)		Weight (Kg)	Housing
		10 h	14 h	230V	400V		
24V	T 24 S 25	175	250	2.6	1.5	32	A1
	T 24 S 35	240	350	3.5	2	33	A1
	T 24 S 45	310	450	4	2.3	35	A1
	T 24 S 60	415	600	5.8	3.3	40	A1
	T 24 S 80	555	800	8.3	4.8	48	A1
	T 24 S 100	690	1000	10	5.8	53	A1
	T 24 S 125	865	1250	11	6.4	56	A1
36V	T 36 S 45	310	450	6.8	3.9	37	A1
	T 36 S 60	415	600	9	5.2	46	A1
	T 36 S 80	555	800	12.3	7	56	A1
	T 36 S 100	690	1000	15	8.6	69	A1
	T 36 S 125	865	1250	19	11	77	A2
48V	T 48 S 45	310	450	9	5.2	45	A1
	T 48 S 60	415	600	12.3	7	54	A1
	T 48 S 80	555	800	16.6	9.5	59	A1
	T 48 S 100	690	1000	19.9	11.4	76	A2
	T 48 S 125	865	1250	25	14.3	88	A2
72V	T 72 S 45	310	450	13.3	7.7	54	A1
	T 72 S 60	415	600	18.1	10.4	61	A1
	T 72 S 80	555	800	25	14.3	85	A2
	T 72 S 100	690	1000	29.6	17	93	A2
	T 72 S 125	865	1250	37.9	21.8	126	A3
80V	T 80 S 45	310	450	14.8	8.5	56	A1
	T 80 S 60	415	600	19.8	11.4	62	A1
	T 80 S 80	555	800	26.4	15.4	85	A2
	T 80 S 100	690	1000	33	19	96	A2
	T 80 S 125	865	1250	42.4	24.7	132	A3

Voltage	Model	Battery capacity (Ah) / Charging time		Mains current (A)		Weight (Kg)	Housing
		7 h	8 h	230V	400V		
24V	T 24 D 35	140	175	3.5	2	34	A1
	T 24 D 45	175	230	4.5	2.6	36	A1
	T 24 D 60	230	310	5.8	3.3	41	A1
	T 24 D 80	310	400	8.3	4.8	49	A1
	T 24 D 100	400	500	10	5.8	54	A1
	T 24 D 125	500	630	12.3	7	57	A1
	T 24 D 160	630	800	16.6	9.5	78	A2
	T 24 D 200	800	1000	20	11.5	87	A2
	T 24 D 250	1000	1250	25.1	14.4	95	A2
	T 24 D 300	1250	1500	30.1	17.3	103	A2
36V	T 36 D 60	230	310	9	5.2	47	A1
	T 36 D 80	310	400	12.3	7	57	A1
	T 36 D 100	400	500	14.8	8.5	70	A1
	T 36 D 125	500	650	19	11	78	A2
	T 36 D 160	630	800	24	13.7	87	A2
48V	T 48 D 60	230	310	12.3	7	55	A1
	T 48 D 80	310	400	16.6	9.5	60	A1
	T 48 D 100	400	500	19.9	11.4	77	A2
	T 48 D 125	500	630	24.9	14.3	89	A2
	T 48 D 160	630	800	33.1	19	96	A2
72V	T 72 D 60	230	310	18	10.4	62	A1
	T 72 D 80	310	400	24.9	14.3	86	A2
	T 72 D 100	400	500	29.6	17	94	A2
	T 72 D 125	500	630	38	21.8	127	A3
	T 72 D 160	630	800	49.4	28.4	173	A3
80V	T 80 D 60	230	310	19.8	11.4	63	A1
	T 80 D 80	310	400	26.3	15.1	86	A2
	T 80 D 100	400	500	33	19	97	A2
	T 80 D 125	500	630	42.1	24.7	133	A3
	T 80 D 160	630	800	54.5	31.3	178	A3

The nominal currents are specified for a voltage of 2.1 Volts per component.



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