

BATTERY CHARGER

CBT EVOLUXION WT180



Technical characteristics

- 400 Vac $\pm 5\%$ 50/60 Hz three phases voltage supply;
- different three phases supply voltage available on request;
- output voltage 24/36/40/48/60/72/80/96 Vcc;
- suitable for battery from 250 to 1350 Ah;
- electronic board with backlighted graphical 3 inches display;
- clear visualization with display and led lights of the charge stage and of charge parameters (current, single cell voltage, total battery voltage, charged Ah, level of charge, charge time);
- Wi-fi connection for exporting of charge cycles stored;
- automatic water filling at the end of the charge, optional;
- decrescent current profile charge cycle (Wa) monitored by microcontroller;
- low losses transformer;
- accurate current reading;
- rectifier diode bridge with EMC suppressor capacitors;
- final equalising charge programmable in lasting and period (weekly);
- buffer charge;
- settable post-charge time;
- settable post-charge voltage;
- transformer termical protection;
- maximum battery voltage protection;
- battery overcharge protection, maximum time 12 hours;
- **missing phase signalation;**
- visual and acoustic **alarms;**
- saving last 1000 charge cycles with date/hour indication;
- manual or automatic start;
- delayed start settable;
- supply voltage and output voltage cables included (on request ac plug and/or battery connector);
- very strong case, thicker treated sheet metal, powder coated;
- CE conformity;
- dimensions 500x400x860 mm;
- weight depends on the model.

CODE	BATTERY VOLTAGE (V)	BATTERY CAPACITY Ah	INPUT POWER (KW)	INPUT CURRENT (A) 400Vac 3ph	
CB-EVO-24V60A	24	250-375	1.73	3.4	
CB-EVO-24V80A	24	375-500	2.31	4.5	
CB-EVO-24V100A	24	500-625	2.88	5.6	
CB-EVO-24V120A	24	625-750	3.46	6.7	
CB-EVO-24V140A	24	750-875	4.04	7.8	
CB-EVO-24V160A	24	875-1000	4.61	8.9	
CB-EVO-24V180A	24	1000-1125	5.19	10	
CB-EVO-36V60A	36	250-375	2.6	5	
CB-EVO-36V80A	36	375-500	3.46	6.7	
CB-EVO-36V100A	36	500-625	4.32	8.4	
CB-EVO-36V120A	36	625-750	5.19	10	
CB-EVO-36V140A	36	750-875	6.05	11.7	
CB-EVO-36V160A	36	875-1000	6.92	13.4	
CB-EVO-36V180A	36	1000-1125	7.78	15	
CB-EVO-40V60A	40	250-375	2.88	5.6	
CB-EVO-40V80A	40	375-500	3.84	7.4	
CB-EVO-40V100A	40	500-625	4.8	9.3	
CB-EVO-48V60A	48	250-375	3.46	6.7	
CB-EVO-48V80A	48	375-500	4.61	8.9	
CB-EVO-48V100A	48	500-625	5.76	11.1	
CB-EVO-48V120A	48	625-750	6.92	13.4	
CB-EVO-48V140A	48	750-875	8.07	15.6	
CB-EVO-48V160A	48	875-1000	9.22	17.8	
CB-EVO-48V180A	48	1000-1125	10.37	20	
CB-EVO-60V60A	60	250-375	4.32	8.3	
CB-EVO-60V80A	60	375-500	5.76	11.1	
CB-EVO-60V100A	60	500-625	7.2	13.9	
CB-EVO-60V120A	60	625-750	8.64	16.6	
CB-EVO-60V140A	60	750-875	10.08	19.4	
CB-EVO-60V160A	60	875-1000	11.52	22.2	
CB-EVO-60V180A	60	1000-1125	12.96	24.9	
CB-EVO-72V50A	72	190-315	4.32	8.4	
CB-EVO-72V60A	72	250-375	5.19	10	
CB-EVO-72V80A	72	375-500	6.92	13.4	
CB-EVO-72V100A	72	500-625	8.64	16.7	
CB-EVO-72V120A	72	625-750	10.37	20	
CB-EVO-72V140A	72	750-875	12.1	23.3	
CB-EVO-72V160A	72	875-1000	13.83	26.7	
CB-EVO-72V180A	72	1000-1125	15.56	30	
CB-EVO-80V50A	80	190-315	4.8	9.3	
CB-EVO-80V60A	80	250-375	5.76	11.1	
CB-EVO-80V80A	80	375-500	7.68	14.8	
CB-EVO-80V100A	80	500-625	9.6	18.5	
CB-EVO-80V120A	80	625-750	11.52	22.2	
CB-EVO-80V140A	80	750-875	13.44	25.9	
CB-EVO-80V160A	80	875-1000	15.36	29.6	
CB-EVO-80V180A	80	1000-1125	17.28	33.3	
CB-EVO-80V200A	80	1125-1200	19.2	37	
CB-EVO-80V220A	80	1200-1350	21.12	40.7	
CB-EVO-96V60A	96	250-375	6.92	13.4	
CB-EVO-96V80A	96	375-500	9.22	17.8	
CB-EVO-96V100A	96	500-625	11.52	22.2	
CB-EVO-96V120A	96	625-750	13.83	26.7	
CB-EVO-96V140A	96	750-875	16.13	31.1	
CB-EVO-96V160A	96	875-1000	18.44	35.5	