

## COMPACT 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 Vcc;
- suitable for battery from 300 to 750Ah;
- 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;
- 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 350x400x500 mm;
- weight 45 $\pm$ 60 kg.

CODE	BATTERY VOLTAGE (V)	BATTERY CAPACITY Ah	INPUT POWER (KW)	INPUT CURRENT (A) 230Vac	INPUT CURRENT (A) 400Vac 3ph	
CBC-EVO-24V80A	24	375-500	2.31	7.8	4.5	
CBC-EVO-24V100A	24	500-625	2.88	16.7	5.6	
CBC-EVO-24V120A	24	625-750	3.46	20.1	6.7	
CBC-EVO-24V140A	24	750-875	4.04	23.4	7.8	
CBC-EVO-36V80A	36	375-500	3.46	20.1	6.7	
CBC-EVO-36V100A	36	500-625	4.32	25.1	8.3	
CBC-EVO-36V120A	36	625-750	5.19	30.1	10	
CBC-EVO-40V60A	40	300-375	2.88	16.7	5.6	
CBC-EVO-40V80A	40	375-500	3.84	22.3	7.4	
CBC-EVO-40V100A	40	500-625	4.8	27.8	9.3	
CBC-EVO-40V120A	40	625-750	5.76	33.4	11.1	
CBC-EVO-48V60A	48	300-375	3.46	20.1	6.7	
CBC-EVO-48V80A	48	375-500	4.61	26.7	8.9	
CBC-EVO-48V100A	48	500-625	5.76	33.4	11.1	
CBC-EVO-48V120A	48	625-750	6.92	40.2	13.3	