

BATTERY CHARGER

COMPACT

EVOLUXION WT180



Technical characteristics

- $400 \text{ Vac} \pm 5\% 50/60 \text{ Hz}$ three phases voltage supply;
- different three phases supply voltage available on request; output voltage 24/36/40/48 Voc; suitable for battery from 300 to 750Ah;

- electronic board with backlighted graphical 3 inches display; clear visualization with display and led lights of the chargestage 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 acustic **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÷60 kg.

CODE	BATTERY VOLTAGE (V)	BATTERY CAPACITY Ah	INPUT POWER (KW)	INPUT CURRENT (A) 230Vac	INPUT CURRENT (A) 400Vac 3ph
VO-24V80A	24	375-500	2.31	7.8	4.5
VO-24V100A	24	500-625	2.88	16.7	5.6
VO-24V120A	24	625-750	3.46	20.1	6.7
VO-24V140A	24	750-875	4.04	23.4	7.8
VO-36V80A	36	375-500	3.46	20.1	6.7
VO-36V100A	36	500-625	4.32	25.1	8.3
VO-36V120A	36	625-750	5.19	30.1	10
VO-40V60A	40	300-375	2.88	16.7	5.6
VO-40V80A	40	375-500	3.84	22.3	7.4
VO-40V100A	40	500-625	4.8	27.8	9.3
VO-40V120A	40	625-750	5.76	33.4	11.1
VO-48V60A	48	300-375	3.46	20.1	6.7
VO-48V80A	48	375-500	4.61	26.7	8.9
VO-48V100A	48	500-625	5.76	33.4	11.1
/O-48V120A	48	625-750	6.92	40.2	13.3
	70-24V80A 70-24V100A 70-24V120A 70-36V80A 70-36V100A 70-36V120A 70-40V60A 70-40V100A 70-40V120A 70-48V60A 70-48V80A 70-48V100A	VOLTAGE (V) VO-24V80A 24 VO-24V100A 24 VO-24V120A 24 VO-36V80A 36 VO-36V100A 36 VO-40V60A 40 VO-40V80A 40 VO-40V100A 40 VO-40V100A 40 VO-40V10A 48 VO-48V60A 48 VO-48V100A 48	VOLTAGE (V) CAPACITY Ah VO-24V80A 24 375-500 VO-24V100A 24 500-625 VO-24V120A 24 625-750 VO-24V140A 24 750-875 VO-36V80A 36 375-500 VO-36V120A 36 500-625 VO-40V60A 40 300-375 VO-40V80A 40 500-625 VO-40V100A 40 500-625 VO-40V120A 40 625-750 VO-48V60A 48 300-375 VO-48V80A 48 375-500 VO-48V100A 48 500-625	VOLTAGE (V) CAPACITY Ah POWER (KW) /O-24V80A 24 375-500 2.31 /O-24V100A 24 500-625 2.88 /O-24V120A 24 625-750 3.46 /O-24V140A 24 750-875 4.04 /O-36V80A 36 375-500 3.46 /O-36V100A 36 500-625 4.32 /O-36V120A 36 625-750 5.19 /O-40V60A 40 300-375 2.88 /O-40V80A 40 375-500 3.84 /O-40V100A 40 500-625 4.8 /O-40V100A 40 625-750 5.76 /O-48V60A 48 300-375 3.46 /O-48V60A 48 300-375 3.46 /O-48V80A 48 375-500 4.61 /O-48V100A 48 500-625 5.76	VOLTAGE (V) CAPACITY Ah POWER (KW) 230Vac /O-24V80A 24 375-500 2.31 7.8 /O-24V100A 24 500-625 2.88 16.7 /O-24V120A 24 625-750 3.46 20.1 /O-24V140A 24 750-875 4.04 23.4 /O-36V80A 36 375-500 3.46 20.1 /O-36V100A 36 500-625 4.32 25.1 /O-36V120A 36 625-750 5.19 30.1 /O-40V60A 40 300-375 2.88 16.7 /O-40V80A 40 375-500 3.84 22.3 /O-40V100A 40 500-625 4.8 27.8 /O-40V120A 40 625-750 5.76 33.4 /O-48V60A 48 300-375 3.46 20.1 /O-48V80A 48 375-500 4.61 26.7 /O-48V100A 48 375-500 5.76 33.4