

## CTEK MARINE CHARGERS



	M45	M100
Output voltage	12V	12V
Charging current	0.8/3.6A	7A
Min/Max charging	1.2-75Ah	14-150Ah
Min/Max maintenance	1.2-120Ah	14-225Ah
Insulation	IP65	IP65



	M200	M300
Output voltage	12V	12V
Charging current	15A	25A
Min/Max charging	28-300Ah	50-500Ah
Min/Max maintenance	28-500Ah	50-500Ah
Insulation	IP44	IP44

AC-POWER SYSTEM MARINE

## AC-POWER SYSTEM MARINE

**For bigger boats with larger battery banks**

The system is designed for the somewhat larger boats with need of larger battery banks. The package contains a little more, the cables are longer and the electrical cabinet has one inlet and three outlets.

For this package we recommend to use a M300 battery charger.



AC-POWER SYSTEM DAYCRUISER

## AC-POWER SYSTEM DAYCRUISER

**For smaller boats**

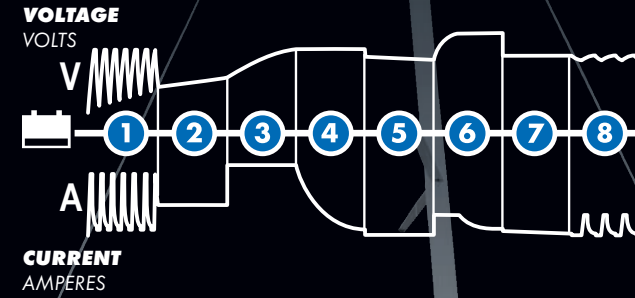
This is a smaller package designed for smaller boats. Somewhat shorter cables and the electrical cabinet has one inlet and one outlet.

For this package we recommend to use a M200 battery charger.



## CTEK 8-STEPS

FOR A PERFECTLY CHARGED BATTERY



- 1. DESULPHATING**  
Patented desulphating extends life of the battery.
- 2. SOFT START**  
Tests whether the battery can accept charge.
- 3. BULK**  
Main charge with maximum current.
- 4. ABSORPTION**  
CTEK adaptive current measurement ensures that the battery is really fully charged.
- 5. ANALYSIS**  
Tests whether the battery can retain charge.
- 6. RECOND**  
The battery lasts longer and retrieves its capacity.
- 7. FLOAT**  
Constant voltage (13.6V) the first 10 days of maintenance charging.
- 8. PULSE**  
The charger maintains the battery level between 95 and 100%.

CTEK SWEDEN AB designs and develops a unique series of battery chargers and special solutions for all types of lead-acid batteries for both personal and professional use.

The extensive expertise of batteries and electronics is the cornerstone in CTEK's successful business concept that allows for the development of a new category of battery chargers. Battery chargers that not only meet the increased needs for battery care of today, but also consider the needs of the growing amount of new users.

Safety, simplicity and flexibility are keywords and requirements that apply to all products and solutions developed and sold by CTEK. We have sold more than two million chargers; in 49 countries and on every continent. CTEK is a reliable supplier to many of the world's most prestigious car and MC manufacturers. CTEK was founded in 1997. Head Office and R&D are located in Vikmanshyttan, Dalarna, Sweden.



CTEK SWEDEN AB  
ROSTUGNSVÄGEN 3  
SE-776 70 VIKMANSHYTTAN  
PHONE: +46 225 351 80  
FAX: +46 225 351 95  
email: info@ctek.com  
[www.ctek.com](http://www.ctek.com)  
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## CTEK MARINE BATTERY CARE

HAVE BEEN SPECIALLY DEVELOPED TO MAKE LIFE SAFER AND MORE CONVENIENT FOR TODAY'S BOAT OWNERS



THE SMARTEST BATTERY CHARGERS IN THE WORLD



## CTEK'S MARINE RANGE STANDS FOR QUALITY!

BOAT OWNERS KNOW THAT THERE ARE LOTS OF THINGS THAT MUST INTERACT AS INTENDED AND IT MUST BE POSSIBLE TO RELY 100% ON THEIR EQUIPMENT.

LIFE ON BOARD SHOULD BE BOTH ENJOYABLE AND SAFE. SAFETY COMES AS A MATTER OF COURSE WHEN BUYING A CTEK CHARGER.

M45 MARINE CHARGER

### M45

Small and smooth

M45 is the smallest in the range of marine chargers. Small and compact for the smaller requirements. With only 3.6A you charge all the way up to 75Ah batteries and maintenance charge up to 120Ah. Despite its small size it incorporates advanced technology. The fully automatic charger takes care of your battery in four different charging steps. Below zero temperature when the battery is sluggish you use the Snowflake mode, whereby charging is at 14.7V instead of the normal 14.4V. A quick-connector with eyelet terminals is also enclosed for fast fitting. The charger is electronic proof, IP65 marked and thereby approved for outdoor use.



12V  
0.8/3.6A  
45W

Charging:  
1.2-120Ah

IP65



M100 MARINE CHARGER

### M100

Both big and small

M100 is an eight-step charger. It includes all the charging steps that the larger models have, but is dimensioned for 7A. Suits perfectly with a smaller battery bank up to 150Ah. In addition to the eight charging steps, which include Recond, there is a Supply mode. In this mode the charger becomes a generating unit and can supply power past the battery. In Recond mode, the battery is reconditioned by a time-limited overcharging at 15.9V to promote longer life. A quick-connector with eyelet terminals is also enclosed for fast fitting. The charger is electronic proof, IP65 marked and thereby approved for outdoor use.



12V  
7A  
100W

Charging:  
14-225Ah

IP65



M200 MARINE CHARGER

### M200

Economic charger

M200 in addition to its eight charging steps has a Night mode. Should the charger be inconveniently positioned you select this to ensure a good night's sleep. The charger will thus reduce a little in power. It is timed and returns to normal charging at full power after 8 hours, if you forget to set the time manually. The charger is equipped with a 4-metre secondary cable and temperature sensor. M200 is electronic proof, IP44 marked and thereby approved for outdoor use.



12V  
15A  
200W

Charging:  
28-500Ah

IP44



M300 MARINE CHARGER

### M300

For more demanding needs

M300 is a powerful 25A battery charger for those who are looking for a quicker and more frequent charge. The M300 is a 8 step, fully automatic switch mode charger with pulse maintenance, which means it can analyse the condition of the battery, charges when needed and maintains the battery when the boat is not in use. The M300 also includes a 4 metre secondary cable and temperature sensor as standard. M300 is electronic proof, IP44 marked and thereby approved for outdoor use.



12V  
25A  
300W

Charging:  
50-500Ah

IP44



M45 M100 M200 M300

			✓	✓
	✓	✓	✓	✓
	✓	✓	✓	✓
			✓	✓
	✓	✓		
			✓	✓
12V	✓	✓	✓	✓
	✓	✓		
	✓	✓		
		✓	✓	✓
		✓		
	✓	✓	✓	✓



THE SMARTEST BATTERY CHARGERS IN THE WORLD

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