



# POSEIDON LED



REDUCED ENVIRONMENTAL IMPACT



OPTIMAL BATTERY CHARGE



EFFICIENCY GREATER THAN 90%



INCREASED BATTERY LIFE



COMPACT CHARGER WITH SEVEN LED CONTROL BOARD FOR EFFICIENT CHARGER

POSEIDON offers a range of extremely compact and handy chargers, equipped with microprocessor control with 7 LED display, which allows a simple representation of the state of is an intuitive and robust charger with a high charging efficiency of 85%.

**BATTERY CHARGE**  
Innovation

Ideal for:



MATERIAL HANDLING



FLOOR CARE MACHINES



GOLF CAR AND CLUB CAR

### FEATURES

- Display of charge status with 7 LEDs
- Very high efficiency over 85% and Power factor of 0.80 allow low energy consumption
- ON/OFF switch for enable or disable the charge
- External push button for programmable equalizing and weekend charge
- Quick test for charger functional verification
- Proportional charge function for shallow discharges
- Maximum and minimum voltage control before charging starts
- Maximum voltage control in charge
- Final charging time that can be set to adapt the charge cycle to battery conditions
- AutoStart with programmable delay
- Serial interface for highly precise programming and calibration
- Short circuit and reverse polarity protection
- Design, testing and production of transformers carried out internally
- Thermal protection on the power transformer to avoid over-temperature
- IP20 intrusion protection
- Conformal coating on the control card for moisture protection to grant high reliability
- Excellent ventilation system for better cooling of the transformer
- Working temperature 0 - 40°C



Volt	Amp.	Mod. 1Ph 230Vac	Mod. 1ph 240Vac	Capacity C5 Ah (9-11h)		Cabinet
Vdc	Adc	Vac	Vac	Min	Max	Type
12	15	•	•	85	100	S
12	20	•	•	110	135	S
12	25	•	•	135	165	S
12	30	•	•	165	200	S
12	40	•	•	220	265	S
12	50	•	•	270	330	N
12	60	•	•	325	400	N
24	15	•	•	85	100	S
24	20	•	•	110	135	S
24	25	•	•	135	165	S
24	30	•	•	165	200	S
24	40	•	•	220	265	S
24	50	•	•	270	330	N
24	60	•	•	325	400	N
24	80	•	•	435	530	N
36	20	•	•	110	135	S
36	25	•	•	135	165	S
36	30	•	•	165	200	S
36	40	•	•	220	265	N
36	50	•	•	270	330	N
36	60	•	•	325	400	N
48	20	•	•	110	135	S
48	25	•	•	135	165	N
48	30	•	•	165	200	N
48	40	•	•	220	265	N

• Model Available – Model not available

### DIMENSION

S: 415x420x600 (LxWxH) mm  
N: 460x470x700 (LxWxH) mm  
Other sizes on request

### CERTIFICATIONS

CE compliance  
Safety: CEI EN60335-1  
EMC: CEI EN61000-6-2  
CEI EN61000-6-3  
CEI EN62233

### WARRANTY

12 months

### MODELS

Any other models available on demand for different Battery Voltage, Current and Mains Supply.

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