



ATHENA LED



REDUCED ENVIRONMENTAL IMPACT



OPTIMAL BATTERY CHARGE



EFFICIENCY GREATER THAN 90%



INCREASED BATTERY LIFE



COMPACT CHARGER WITH SEVEN LEDS CONTROL CARD FOR AN EFFICIENT RECHARGE

ATHENA LED offers a wide range of chargers, three-phase and single-phase, compact and easy to handle, managed by a microprocessor control board with 7 LED display, extremely simple and intuitive. **ATHENA LED** is an extremely handy and reliable charger, with a Wa charging profile and an efficiency greater than 90%

BATTERY CHARGE
Innovation

Ideal for:



MATERIAL HANDLING



FLOOR CARE MACHINES



AERIAL PLATFORMS



SHORT-HAUL VEHICLES



ATHENA LED

TECHNICAL SPECIFICATIONS

www.estpower.net

FEATURES

- Display of charge status with 7 LEDs
- Very high efficiency over 90% and Power factor of 0,80 allow low energy consumption for charging
- 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. 3ph 400Vac	Capacity C5 Ah (9-11h)		Cabinet
Vdc	Adc	Vac	Vac	Min	Max	Type
24	60	•	•	325	400	S
24	80	•	•	435	530	S
24	100	•	•	540	660	S
24	120	•	•	650	795	S
24	140	-	•	760	925	S
36	60	•	•	325	400	S
36	80	•	•	435	530	S
36	100	•	•	540	660	S
36	120	•	•	650	795	S
36	140	-	•	760	925	S
48	40	•	•	220	265	S
48	50	•	•	270	330	S
48	60	•	•	325	400	S
48	80	•	•	435	530	S
48	100	•	•	540	660	S
48	120	•	•	650	795	S
72	40	•	•	220	265	S
72	60	•	•	325	400	S
72	80	•	•	435	530	S
80	40	•	•	220	265	S
80	60	•	•	325	400	S
80	80	•	•	435	530	S

• Model Available – Model not available

DIMENSION

S: 363x500x450 (LxWxH) mm
Other sizes on request

CERTIFICATIONS

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

WARRANTY

12 months

MODELS

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

Data subject to change without notice. All stated trademarks belong to their respective owners, any unauthorized use will be prosecuted according to the law.
ATHENA LED ENG Rev. 0122

Energy Systems Transnational Pte
Ltd69C, Tuas South Avenue 1, Singapore 637500
Tel: (65) 6262 6286 Fax: (65) 6262 6936
Email: sales@estpower.net

