



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.NGTEC.EU

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.

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ATHENA LED ENG Rev. 0122

NGTec - M DUE A S.r.l.

Sede Legale : Via Variante 7 Bis, 301

Sede Operativa: via Boscofangone zona ASI Nola - 80035 NOLA (NA)

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NGTEC
GREEN ONE TECHNOLOGY