



ATHENA DIGITAL



REDUCED ENVIRONMENTAL IMPACT



OPTIMAL BATTERY CHARGE



EFFICIENCY GREATER THAN 90%



INCREASED BATTERY LIFE



COMPACT CHARGER WITH LCD DISPLAY FOR CLEAR VIEWING OF CHARGING PARAMETERS

ATHENA DIGITAL offers a wide range of compact and handy chargers with modern digital technology. The control board allows you to view charging parameters, battery voltage, charging current, restored capacity, charging time, and easily configure charger features. The charging efficiency is more than 90%.

BATTERY CHARGE
Innovation

Ideal for:



MATERIAL HANDLING



FLOOR CARE MACHINES



AERIAL PLATFORMS



SHORT-HAUL VEHICLES

ATHENA DIGITAL

TECHNICAL SPECIFICATIONS

WWW.NGTEC.EU

FEATURES

- Indication on LCD of charge parameters: Voltage, Current, reintegrated Capacity, charge Time
- The simple keypad allows a safe configuration of the parameters: battery voltage, gas point voltage, final charging time, enabling equalization.
- Charging Profile available: Wa, W0Wa, W0Wp, opportunity
- Very high efficiency superior to 90% and Power factor of 0,80 allow low energy consumption and charging costs
- Equalization Charge and Maintenance Charge with programmable parameters
- Maximum and Minimum Voltage control before charging starts
- Maximum voltage control during charge
- Single board model from 12V to 96V
- Serial interface for highly precise programming and calibration
- Short circuit, overload and reverse polarity protection
- IP20 intrusion protection
- Internal Design, Testing and Production of Power Transformers
- Thermal protection on the power transformer to avoid over-temperature
- 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
				Min	Max	
Vdc	Adc	Vac	Vac			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

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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MDUE A S.r.l.

Sede Legale : Via Variante 7 Bis, 301

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GREEN ONE TECHNOLOGY