



# HERA LED



REDUCED ENVIRONMENTAL IMPACT



OPTIMAL BATTERY CHARGE



EFFICIENCY GREATER THAN 90%



INCREASED BATTERY LIFE



CHARGER WITH SEVEN LED BOARD AND AN EFFICIENT CHARGING SYSTEM

HERA LED offers a wide range of extremely robust and compact chargers, managed by a microprocessor control with 7 LED display suitable for every need.

HERA LED is a reliable and compact charger with a Wa charging profile and a charging efficiency of more than 90%.

**BATTERY CHARGE**  
Innovation

Ideal for:



MATERIAL HANDLING



FLOOR CARE MACHINES



SHORT-HAUL VEHICLES

## TECHNICAL SPECIFICATIONS

### 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 button for programmable equalization 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 • Autostart with programmable delay
- Final charging time that can be set to adapt the charge cycle to battery conditions
- 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
- Excellent ventilation system for better cooling of the transformer
- Working temperature 0 - 50°C

### AVAILABLE MODELS

Volt	Amp.	Mod. 1Ph 230Vac	Mod. 3ph 400Vac	Capacity C5 Ah (9-11h)		Cabinet	Weight
Vdc	Adc	Vac	Vac	Min	Max	Type	Kg
24	60	•	•	325	400	HERA S	35,3
24	80	•	•	435	530	HERA S	44,8
24	100	•	•	540	660	HERA S	47,7
24	120	•	•	650	795	HERA S	49,4
24	140	•	•	760	925	HERA S	54,2
24	160	•	•	865	1060	HERA S	56,7
24	180	-	•	975	1190	HERA N	61,3
24	200	-	•	1080	1320	HERA N	62,1
36	60	•	•	325	400	HERA S	45,8
36	80	•	•	435	530	HERA S	47,7
36	100	•	•	540	660	HERA S	53,5
36	120	•	•	650	795	HERA S	59,4
36	140	•	•	760	925	HERA S	64,9
36	160	•	•	865	1060	HERA N	66,3
36	180	-	•	975	1190	HERA N	72,6
36	200	-	•	1080	1320	HERA N	75,6
48	40	•	•	220	265	HERA S	43,9
48	50	•	•	270	330	HERA S	44,4
48	60	•	•	325	400	HERA S	47,1
48	80	•	•	435	530	HERA S	53,5
48	100	•	•	540	660	HERA S	59,0
48	120	•	•	650	795	HERA S	65,1
48	140	•	•	760	925	HERA N	78,0
48	160	•	•	865	1060	HERA N	81,0
48	180	-	•	975	1190	HERA N	91,8
48	200	-	•	1080	1320	HERA N	107,1
72	40	•	•	220	265	HERA S	47,0
72	60	•	•	325	400	HERA S	48,0
72	80	•	•	435	530	HERA S	63,5
72	100	•	•	540	660	HERA N	77,4
72	120	•	•	650	795	HERA N	86,3
72	140	•	•	760	925	HERA N	93,9
80	40	•	•	220	265	HERA S	43,1
80	60	•	•	325	400	HERA S	58,4
80	80	•	•	435	530	HERA S	63,6
80	100	•	•	540	660	HERA N	78,2
80	120	•	•	650	795	HERA N	87,0
80	140	•	•	760	925	HERA N	93,6

• Model Available – Model not available



### DIMENSION (LxWxH mm)

HERA S: 415x420x600  
HERA N: 460x470x700

### 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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Made in Italy