



# ZEUS LED



**REDUCED ENVIRONMENTAL IMPACT**



**OPTIMAL BATTERY CHARGE**



**EFFICIENCY GREATER THAN 90%**



**INCREASED BATTERY LIFE**



COMPLETE RANGE OF VERY RELIABLE CHARGERS WITH SIMPLE AND INTUITIVE 7 LED INTERFACE

ZEUS LED offers a complete range of extremely robust compact chargers, managed by a microprocessor control with 7 LED display. ZEUS LED is a charger suitable for every power and Mains supply need, it is extremely reliable, with a Wa charge profile and a charging efficiency of more than 90%.

**BATTERY CHARGE**  
Innovation

Ideal for:



MATERIAL HANDLING



FLOOR CARE MACHINES



SHORT-HAUL VEHICLES



# ZEUS 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	ZEUS S
24	80	•	•	435	530	ZEUS S
24	100	•	•	540	660	ZEUS S
24	120	•	•	650	795	ZEUS S
24	140	•	•	760	925	ZEUS S
24	160	•	•	865	1060	ZEUS S
36	60	•	•	325	400	ZEUS S
36	80	•	•	435	530	ZEUS S
36	100	•	•	540	660	ZEUS S
36	120	•	•	650	795	ZEUS S
36	140	•	•	760	925	ZEUS S
36	160	•	•	865	1060	ZEUS S
36	180	•	•	975	1190	ZEUS S
48	40	•	•	220	265	ZEUS S
48	60	•	•	325	400	ZEUS S
48	80	•	•	435	530	ZEUS S
48	100	•	•	540	660	ZEUS S
48	120	•	•	650	795	ZEUS S
48	140	•	•	760	925	ZEUS N
48	160	•	•	865	1060	ZEUS N
48	180	•	•	975	1190	ZEUS N
48	200	•	•	1080	1320	ZEUS N
72	40	•	•	220	265	ZEUS S
72	60	•	•	325	400	ZEUS S
72	80	•	•	435	530	ZEUS S
72	100	•	•	540	660	ZEUS N
72	120	•	•	650	795	ZEUS N
72	140	-	•	760	925	ZEUS L
72	160	-	•	865	1060	ZEUS L
80	40	•	•	220	265	ZEUS S
80	60	•	•	325	400	ZEUS S
80	80	•	•	435	530	ZEUS S
80	100	•	•	540	660	ZEUS N
80	120	•	•	650	795	ZEUS N
80	140	-	•	760	925	ZEUS L
80	160	-	•	865	1060	ZEUS L

• Model Available – Model not available

### DIMENSION

S: 415x420x600 (LxWxH) mm  
 N: 460x470x700 (LxWxH) mm  
 L: 555x565x870 (LxWxH) mm

### 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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### Energy Systems Transnational Pte

Ltd69C, Tuas South Avenue 1, Singapore 637500

Tel: (65) 6262 6286 Fax: (65) 6262 6936

Email: sales@estpower.net

