MAKE INTEGRATION TALK
MADE IN TAIWAN

ALE 12V7 Series

LEAD ACID REPLACEMENT
DIRECTLY DROP-IN

- **INDUSTRIAL & COMMERCIAL FIELD**

UPS | Telecom | Forklift | AGV

乾坤富實業有限公司
ENDRICH Co.,Ltd.

ALE 12V7 Series

The inimitable nano-phosphate lithium ion ALE12V7 Series are designed as a lighter-weight, longer-lasting replacement for lead acid batteries.

ALE 12V7 Series deliver higher power and increased safety to achieve superior performance and reduced operating costs as compared to lead acid cells when used for purposes such as data center and telecommunications backup systems, UPS, medical equipment, and a number of other commerical applications.

ELECTRIC CHARACTERS & MECHANICAL SPECIFICATIONS

Model	12V7s	12V7h
Maximum Continuous Discharge Current at 25 °C	30A	54A
Maximum Pulse Discharge Current at 25 °C	38A, <1.28s	66A, < 1.28s
Nominal Operational Voltage	13.2V	
Minimum Voltage	8V	9.2V
Maximum Voltage	16V*	
Nominal Capacity	5Ah	
Standard Charge Voltage	14.4V	
Minimum Charge Voltage	13.8V	
Float Charge Voltage	14.0V	
Standard Charge Current at 25 °C	3A	
Maximum Continuous Charge Current at 25 °C	10A	
Ambient Operating Temperature Range	-20°C ~ +60°C (-4°F ~ +140°F)	
Recommended Storage Environment Conditions	Temperature: -40 °C to +35 °C** Relative Humidity (noncondensing): 5% to 95% Altitude: Up to 25,000 ft (7600 m)	
Transportation Environment Conditions***	Temperature: -40 °C to +80 °C Relative Humidity (noncondensing): 5% to 95% Altitude: Up to 50,000 ft (15,240 m)	
Dimensions (excluding terminals)	151 * 64.5 * 92 mm (5.9 * 2.5 * 3.62 in)	
Terminal Requirements	6.35 mm (0.25 in) Quick Connect FASTON or equivalent	
Weight (approximate)	980g (2.16 lbs)	998g (2.20 lbs)

* It is not recommended to charge the ALE 12V7 battery to 16V.
** Storing ALE 12V7 Series batteries in temperatures above +35°C can significantly reduce the storage time.
*** Transportation up to two weeks.

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