



MAKE INTEGRATION TALK  
MADE IN TAIWAN

**ALE12V7s**



LEAD ACID REPLACEMENT  
DIRECTLY DROP-IN.

• INDUSTRIAL & COMMERCIAL FIELD



Uninterruptible Power System (UPS)



Telecom Backup Systems



Forklift



Automatic Guided Vehicle (AGV)



## ALE12V7s

The inimitable nano-phosphate lithium ion ALE12V7s solution is designed as a lighter-weight, longer-lasting replacement for lead acid batteries.

Based on our field experiences and cell features, the ALE12V7s delivers higher power and increased safety to deliver superior performance and reduced operating costs as compared to lead acid cells when used for purposes such as data center and telecommunications backup systems, uninterruptible power supplies (UPS), medical equipment, and a number of other commercial applications.

## LEAD ACID REPLACEMENT, DIRECTLY DROP-IN

### ELECTRICAL CHARACTERISTICS @ 25 °C

Nominal Voltage	13.2V	Max. Continuous Charge Current at 25 °C	10A
Nominal Capacity	5Ah	Max. Recommended Charge Voltage	14.4V
Available Energy (Beginning of Life)	66Wh	Min. Charge Voltage	13.8V
Maximum Pulse Discharge Current	54A for <200ms(at 25 °C)	Recommended Float Voltage	13.8V
Max. Discharge Current	30A	Operating Temperature	-20 °C to 60 °C
Standard Charge Current at 25 °C	3A	Storage Temperature	-40 °C to 60 °C

### MECHANICAL SPECIFICATIONS

Dimensions (excluding terminals)	151 * 64.5 * 99.7 mm (5.9 * 2.5 * 3.9 in)
Terminal Requirements	6.35 mm (0.25 in) Quick Connect FASTON or equivalent

FOR MORE INFORMATION PLEASE CONTACT:

ENDRICH CO., LTD.

 20F-8, No. 97, Sec. 1, Sintai 5th Road,  
Sijhih District, New Taipei City 22175, Taiwan

 +886-2-2697-2069

 +886-2-2697-1173



[www.endrich.com.tw](http://www.endrich.com.tw)