

# EEI

## CERTIFICATE OF APPROVAL

### EARTHQUAKE PROOF RACKS FOR STATIC BATTERIES MANUFACTURED BY

Passoni e figli S.r.l.  
Via Aristotele, 23  
20861 Brugherio (MB) – Italy

alpha industrie-bedarfs gmbh  
Hüttenstraße, 5  
67550 Worms – Germany

The earthquake proof battery racks produced by Passoni alpha are hereby approved for compliance with the following Building Codes:

2007 California Building Code – CBC

2006 International Building Code – IBC

2005 IEEE Std 693 – Annex J

IEEE Recommended Practice for Seismic Design of  
station batteries and battery racks

These battery racks are hereby approved for structural adequacy in earthquake zone 4 as Defined by the above codes. This approval is based on a thorough review of the report entitled “static calculation-racks for earthquake proof battery installation” produced by:

Kühne BSB GmbH

Hirschbachstr. 70

D-64354 Reinheim - Deutschland

and collateral linear static stress and critical buckling load analysis performed by our engineers. The 2 tier battery racks have been analysed for dynamic loads according to the methods defined in the IEEE Std 693, Annex J



*Kent Bingham*

18 May, 2008  
No. 2008-09

