



**DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION  
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT**

**APPLICATION FOR HCAI SPECIAL SEISMIC  
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY

**APPLICATION #: OSP-0907**

**HCAI Special Seismic Certification Preapproval (OSP)**

Type:  New  Renewal

**Manufacturer Information**

Manufacturer: Linergy Power Sdn. Bhd

Manufacturer's Technical Representative: Kelvin Bejang

Mailing Address: Persiaran Aeronautik, Presint 5A, Bandar Industri Bernilai Tinggi, 48200 Serendah, Selangor, Malaysia

Telephone: +60 3-2011 2010

Email: Linergy\_QA\_contact@linerypowertech.com

**Product Information**

Product Name: Lithium Ion Battery System

Product Model Number(s): Varies. See Attachment

Product Category: UPS and Batteries

Product Sub-Category: Batteries

General Description: Lithium Ion Battery System

Mounting Description: Base Mounted Rigid

Tested Seismic Enhancements: None

**Applicant Information**

Applicant Company Name: Pre Compliance

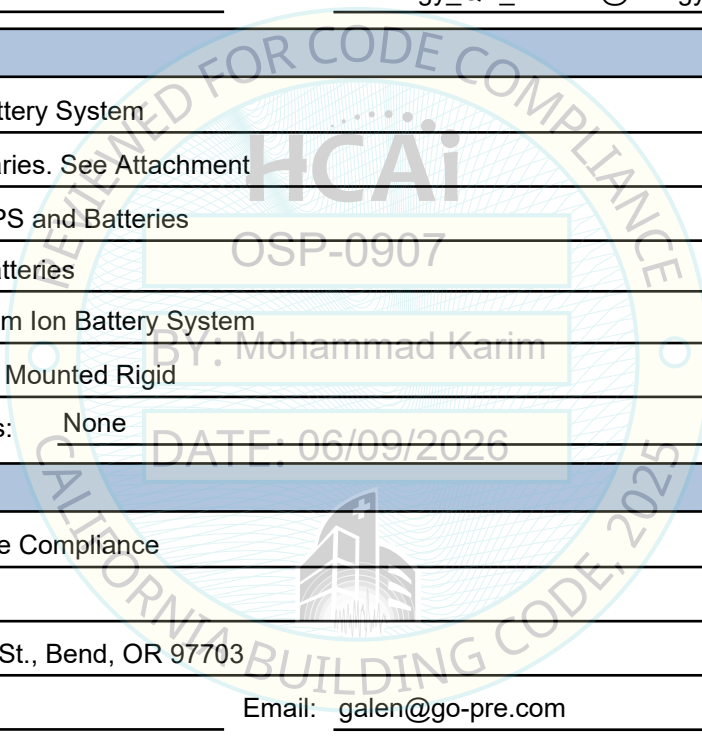
Contact Person: Galen Reid

Mailing Address: 324 NW Hill St., Bend, OR 97703

Telephone: (541) 241-2310

Email: galen@go-pre.com

Title: Principal & Program Manager





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**California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)**

Company Name: PRE COMPLIANCE

Name: Andrew Coughlin California License Number: S6082

Mailing Address: 324 NW Hill St, Bend, OR 97703

Telephone: (415) 635-8461 Email: Andy@go-pre.com

**Certification Method**

- GR-63-Core     
  ICC-ES AC156     
  IEEE 344     
  IEEE 693     
  NEBS 3  
 Other (Please Specify): \_\_\_\_\_

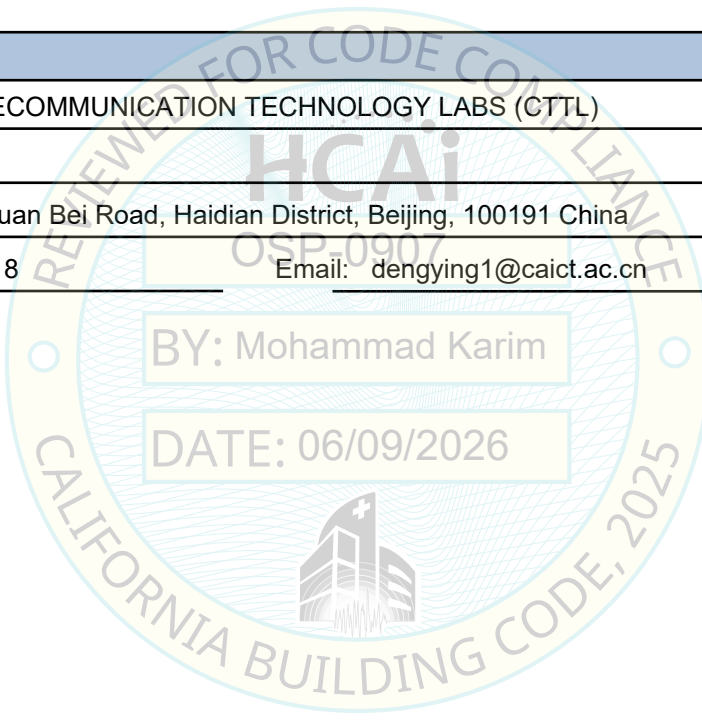
**Testing Laboratory**

Company Name: CHINA TELECOMMUNICATION TECHNOLOGY LABS (CTTL)

Contact Person: Ying Deng

Mailing Address: No. 52 Huayuan Bei Road, Haidian District, Beijing, 100191 China

Telephone: +86 138 1090 9918 Email: dengying1@caict.ac.cn





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**Seismic Parameters**

Certified Response Spectral Acceleration Factors:(F<sub>p</sub>/W<sub>p</sub>)

Horizontal (A Flx-H), g= 3.20 (A Rig-H), g= 2.15

Vertical (A Flx-V), g= 1.67 (A Rig-V), g= 0.67

SDS (Design spectral response acceleration at short period, g) = 2.50 @ z/h = 0; 2.0 @ z/h = 1

H<sub>f</sub> (Force amplification height factor) = 1 @ z/h = 0; 3.5 @ z/h = 1

R<sub>u</sub> (Structure ductility reduction factor) = 1 @ z/h = 0; 1.3 @ z/h = 1

I<sub>p</sub> (Importance factor) = 1.5

z/h (Height ratio factor) = 0 and 1

**HCAI Approval (For Office Use Only) - Approval Expires on 06/09/2032**

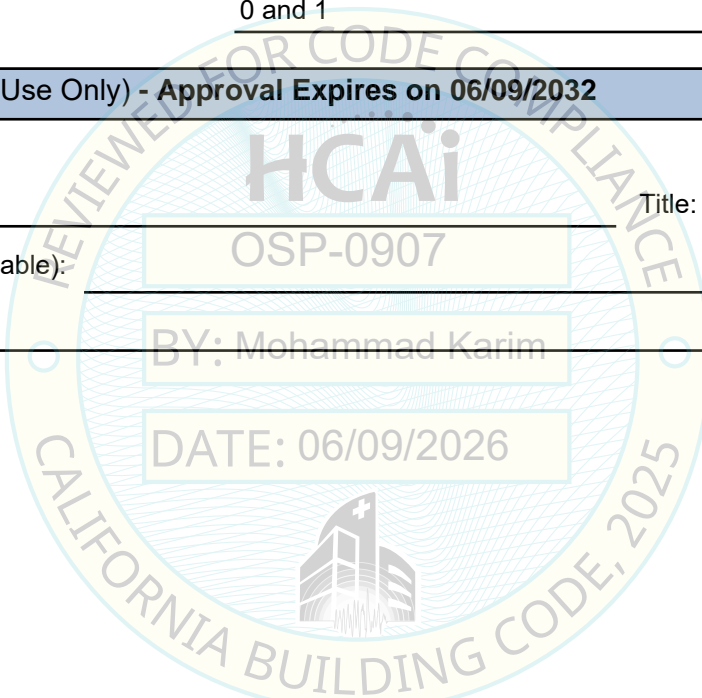
Date: 6/9/2026

Name: Mohammad Karim Title: Supervisor, Health Facilities

Condition of Approval (if applicable): OSP-0907

BY: Mohammad Karim

DATE: 06/09/2026





**Manufacturer:** Linergy Power Sdn. Bhd  
**Product Type:** Batteries  
**Model Line:** Lithium Ion Battery System

Seismic Parameters	Building Codes
$S_{DS} = 2.00g$ for $z/h=1, R_{\mu}=1.3, H_f=3.5$ $S_{DS} = 2.50g$ for $z/h=0, R_{\mu}=1.0, H_f=1.0$	$I_p=1.5$ <b>CBC 2025</b>

**TABLE 2** Table Description: Electrical Subcomponents

Component (Manufacturer)	Model	Description	Notes	UUT
Battery Module (Linergy Power Sdn. Bhd)	D3C24A	3.2Vdc, 52.0Ah, 166.4Wh		1,2
Relay (Xiamen Hongfa Electroacoustic Co. Ltd.)	HFE88P-6001000-24-HA-C5-6	1000 Vdc, 600 A		1,2
Pre-charge Relay (Xiamen Hongfa Electroacoustic Co. Ltd.)	HFE82P-20/1000-24-H-Q2J-1	1000 Vdc, 15A		1,2
AC-DC Power Supplies (Mean Well Enterprises Co. Ltd.)	WDR-120-24	input 200 ~ 500 Vac, 1.4 A, 50/60 Hz, output 24 Vdc, 5A		1,2
	WDR-480-24	Input: 200~500 Vac; 4 A; 50/60 Hz, Output: 24 Vdc, 20A		1,2
AC-DC Power Supplies (Ataz Guangzhou Science & Technology Co., Ltd.)	AI120-6DB24	Input: 200~480 Vac; 1.4 A; 50/60 Hz, Output: 24 Vdc, 5A		1,2
	AIF480-6DB24	Input: 200~480 Vac; 1.4 A; 50/60 Hz, Output: 24 Vdc, 20A		1,2
Circuit Breaker (Schneider Electric)	Series NSX 630 DC	1000 V, 600 A		1,2
AC Circuit Breakers (Shanghai Liangxin Electrical Co. Ltd.)	NDB2-63C10	480 Vac, 10 A, SC 7.5 kA		1,2
	NDB2-63D10	480 Vac, 10 A, SC 7.5 kA		1,2





