

With
NATURAL



LINK CUBE
SYSTEM SDN BHD
(Co. No: 659849-U)

VENTILATION

Leader in

Manufacturing of ASTA
FULL TYPE-TESTED Switchboard

Without

AIR FORCED & FANS



ABOUT US

An ISO 9001 COMPANY

LINK-CUBE SYSTEM SDN BHD (formerly known as Duta Mahsuri Sdn Bhd) was incorporated in 2004 as a trading company. Beside supplying of electrical switchboards, switchboard components, mechanical parts and structures, we also provide maintenance services of various types of electrical switchboards.

Through this, we have build up a strong team of young dedicated and highly experienced personnels of whom with good knowledge in this electrical field, specialized in designing and manufacturing of:

- **MAIN SWITCHBOARD
(ASTA FULL TYPE TESTED TO IEC 61439-2)**
- **SUB-SWITCHBOARD**
- **DISTRIBUTION BOARD**
- **METERING BOARD**
- **GENERATOR SWITCHBOARD**
- **MOTOR CONTROL SWITCHBOARD**

As a customer-focused business, we provide customers with cost competitive and customized solutions for every electrical equipment and installation needs. To work those solutions, we ensure that our products and services are of sterling quality and performance.

OUR GOAL

Customer satisfaction is our goal. Experienced and leading technology have enable us to come up with customer oriented solutions in the field. We have carried out our services to various organizations.

OUR ASTA CERTIFICATES



**Certificates range
from 1600A to 6000A**

Our Confidence In Certification

LINK-CUBE SYSTEM SDN BHD has been **FULL Type Tested** for compliance to **NEW IEC 61439-2** by **ASTA INTERTEK**. The following tests were conducted as the NEW IEC 61439-2 specification.

ASTA FULL TYPE-TESTS INCLUDE:

- Verification of **STRENGTH OF MATERIAL AND PARTS (10.2)**
- Verification of **DEGREE OF PROTECTION AND ENCLOSURES (10.3)**
- Verification of **CLEARANCES AND CREEPAGE DISTANCES (10.4)**
- Verification of **PROTECTION AGAINST ELECTRIC SHOCK AND INTEGRITY OF PROTECTIVE CIRCUITS (10.5)**
- Verification of **DIELECTRIC PROPERTIES (10.9)**
- Verification of **TEMPERATURE RISE (10.10)**
- Verification of **SHORT-CIRCUIT WITH STAND STRENGTH (10.11)**
- Verification of **ELECTROMAGNETIC COMPATIBILITY (10.12)**
- Verification of **MECHANICAL OPERATION (10.13)**

REMARKS:

Design verification tests required by NEW IEC 61439-1 2011-08, Annex D. No verification by testing is required for items 6,7 and 8 clauses 10.6 10.7 and 10.8.

Our Achievements

LCS Type Tests Special Features

- **NATURALLY** ventilated design without **AIR FORCED AND FANS**
- Rated diversity factor **1.0**
- **FORM 4B** assembly
- Ingress Protection to **IP 43**



OUR PHILOSOPHY:

LINK-CUBE offers only the best solution to its clients, both in terms of product's quality and services (especially its impressive after-sales services). We, **LINK-CUBE** pool all our resources, skills and expertise to achieve this very goal ; to provide quality products and superb services that **LINK-CUBE** is well known for.

TECHNICAL SPECIFICATION

TESTING AUTHORITY : The Association of Short-Circuit Testing Authority, UK
STANDARDS CONFORMED : IEC 61439-2 Edition 2.0 2011 - 08

Rated Current	1600A	2000A	2500A	3200A	4000A	5000A	6000A
Systems Models	LCS-20	LCS-20	LCS-32	LCS-32	LCS-40	LCS-50	LCS-60
Rated Short-Time Withstand Current	50kA 3S	50kA 3S	65kA 3S	65kA 3S	65kA 3S	85kA 3S	85kA 3S
Rated Short-Time* Withstand Current	86kA 1S	86kA 1S	112kA 1S	112kA 1S	112kA 1S	147kA 1S	147kA 1S

* $3s = \sqrt{I^2 t} = 1s$



**SYNCHRONISING
GEN PANEL**



**FLOOR
STAND MCC**



**IP 54
FEEDER PILLAR**



**STANDARD
DB**



**WALLMOUNTED
MSB**



**CAPACITOR
BANK**



NOTE:

Our switchboards are design to offer maximum accessibility for future maintenance works and also for easier terminations.

TESTING EQUIPMENTS



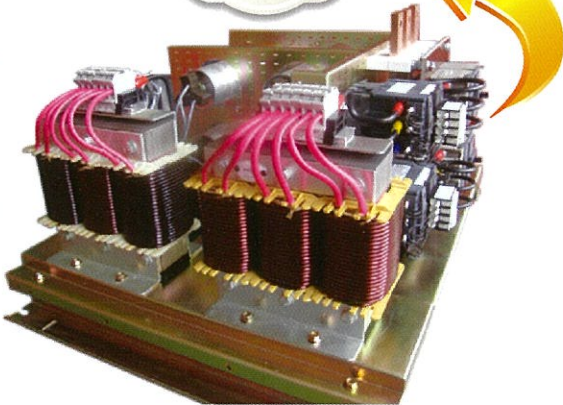
TESTING
IN PROGRESS

LINK-CUBE

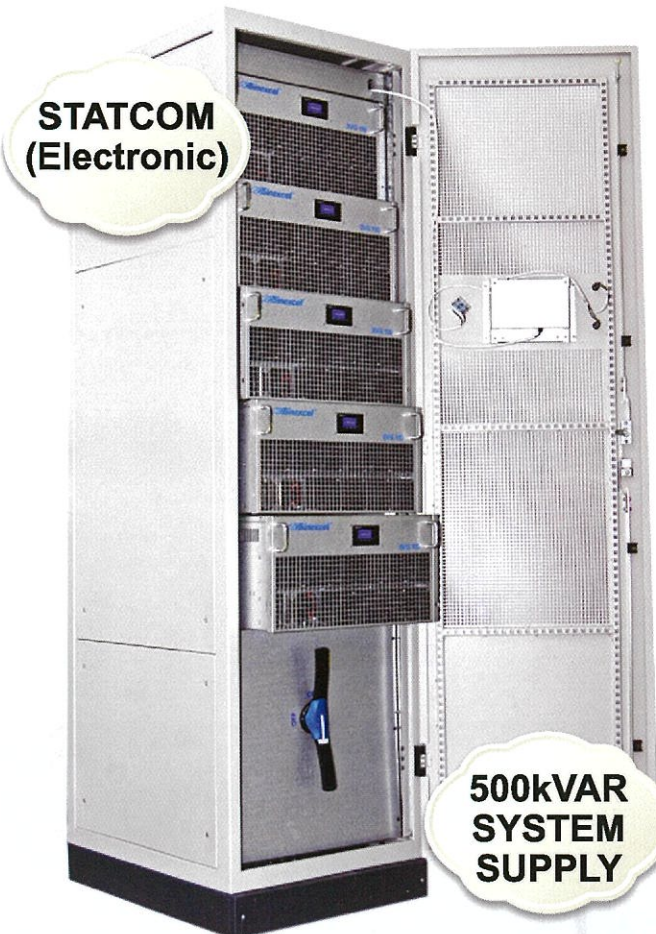
Removable Type Capacitor Bank SYSTEM



SYSTEM CHASSIS



300kVAR 6 STEPS SYSTEM SUPPLY GUIDE (Conventional)



STATCOM (Electronic)

500kVAR SYSTEM SUPPLY

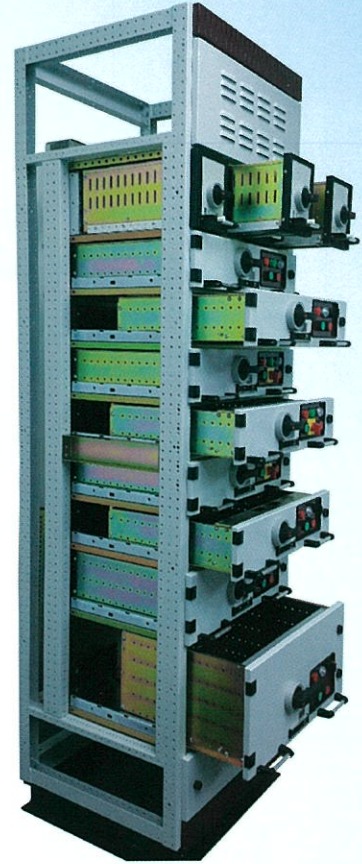


SYSTEM CHASSIS



LINK-CUBE

Fully Withdrawal MCC & PCC Switchboard SYSTEM



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