

GUARANTEED TECHNICAL PARTICULARS (GTP)

Project: NEA KPEP Package-15 (Karnali Province 33/11 kV Distribution System)

Manufacturer: Jiangxi Huayoo Insulator Co., Ltd. (江西华洋电瓷制造有限公司)

Authorized Supplier: Liling Zhongneng Trading Co., Ltd.

A. DISC SUSPENSION INSULATOR (U70B)

Parameter	Guaranteed Value	Remarks
Type	U70B	
Applicable Standard	IEC 60305 / IEC 60383-1	
Rated Mechanical Failing Load (kN)	70KN	
Power Frequency Wet Withstand Voltage (kV rms)	50kv	
Lightning Impulse Withstand Voltage (kV peak)	130kv	
Dry Flashover Voltage (kV rms)	80kv	
Puncture Voltage (kV rms)	110kv	
Creepage Distance (mm)	320mm	
Spacing (mm)	146mm	
Diameter of Shed (mm)	255mm	
Weight (kg)	6.5	
Coupling Type	Ball & Socket	
Ball Size (mm)	Φ 16	
Socket Size (mm)	Φ 16	



B. PIN INSULATOR (11 kV)

Parameter	Guaranteed Value	Remarks
Type	PIN TYPE ANSI 55-5	
Applicable Standard	IEC 60383-1 / IS 12523	
Rated Voltage (kV)	11	
Power Frequency Wet Withstand Voltage (kV rms)	45kv	
Lightning Impulse Withstand Voltage (kV peak)	150kv	
Cantilever Failing Load (kN)	13.3kn	
Creepage Distance (mm)	305mm	
Total Height (mm)	124mm	
Diameter of Shed (mm)	178mm	
Spindle Thread	M20	
Weight (kg)	2.75	
Pin Material	Forged Steel GI	



C. STAY / GUY STRAIN INSULATOR (IS 5300 Type A)

Parameter	Guaranteed Value	Remarks
Type	Stay Insulator per IS 5300 Type A	
Applicable Standard	IS 5300 (Type A)	
Rated Mechanical Failing Load (kN)	45KN	
Power Frequency Wet Withstand Voltage (kV rms)	12kv	
Lightning Impulse Withstand Voltage (kV peak)	25kv	
Creepage Distance (mm)	41mm	
Overall Length (mm)	89mm	
Diameter (mm)	64mm	
Weight (kg)	0.43	
Guy Wire Size Range (mm)	16mm	

D. GENERAL INFORMATION

Item	Details
Country of Manufacture	China
Manufacturer Name	Jiangxi Huayoo Insulator Co., Ltd.
Factory Address	No.36 Gaokeng Industrial Park, Anyuan District, Pingxiang, Jiangxi, China
ISO 9001 Certificate No.	00124Q30076R4M/3600 (CQC, valid to 2027-01-23)
ISO 14001 Certificate No.	00125E304596R301 (CQC, valid to 2028-12-22)
ISO 45001 Certificate No.	00125S303845R301 (CQC, valid to 2028-12-23)
Certification Body	China Quality Certification Centre (CQC) - IAF/IQNet member
Type Test Lab	Xihari, 221250J
Certification Scope	500kV and below overhead line porcelain insulators - production & sales
Year of Establishment	2007 (ISO since 2012)
Production Capacity (annual)	5,000,000 pcs
Major Clients	State Grid Corporation (Liaoning, Tibet, etc.), China Southern Power Grid (Guangxi)
Countries Exported To	India, Israel, Russia, Vietnam, Philippine

For and on behalf of:

Jiangxi Huayoo Insulator Co., Ltd.

Signature & Company Seal _____

Name: Amre Deka

Designation: Sales Director

Date: 2026-07-27

