



Betelco
POWER SOLUTIONS



ACCORD
on Fire and Building Safety in Bangladesh

Betelco
switchgear panels



COMPLIANT

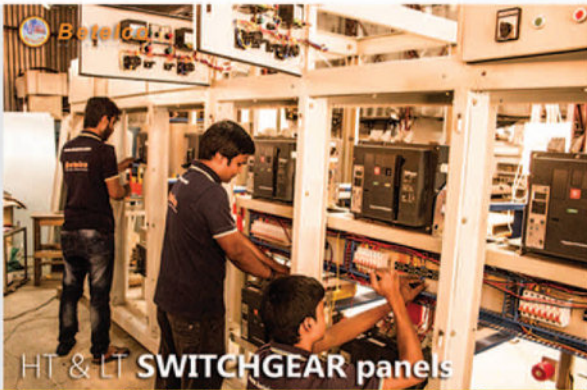
AN ISO 9001: 2015 CERTIFIED COMPANY



CERTIFICATE NO: 211005/00



SWITCHGEAR HT / LT / PFI



HT & LT SWITCHGEAR panels



HT & LT SWITCHGEAR panels

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Description

Various **Switchgear Panels** are fabricated in our factory as per customer's requirements. The table below lists the technical specifications for the HT, LT and PFI switchgear. The panels which house the various components are sheet steel clad, dust and vermin proof.

Switchgear components (such as VCB, ACB, MCCB, Relay, CT, PT, Capacitor, Fuse, etc) offered are sourced from well-known and highly-reliable brands such as **ABB**, **SIEMENS**, **LS** and others as listed below. Bus-bars and conductors housed in panels are usually of **Copper**. All panels are provided with an **Earthing Terminal**. As both a

safety and security feature, all panel doors come with a **Locking System**.

The High and Low voltage side of **HT Switchgear** are separated to avoid accidents during operation. All **controls, indicating and measuring devices**, are located on the front of the upper low-voltage compartment of the switchgear and PFI panels. **PFI** panels are manufactured for both manual and auto operation.

Panels receive standard anti-corrosion surface treatment and **Powder Coating**, final color **Betelco** Medium- Grey.



Specifications

	Components	Rated Voltage (kV)	Rated Current In Busbar (A)	Power Frequency Withstand Voltage (kV/1min.)	Rated Frequency (Hz)	Standard
HT Switchgear (630A - 1250A)	LBS from 315 kVA upto 630 kVA Substation	12	630 / 800 / 1250	28	50	IEC
	VCB above 630kVA Substation					
LT Switchgear (25A - 6300A)	TP ACB	0.415	1000 / 1500 / 2000	3	50	IEC
	TP MCCB					
	TP MCB					
	SP MCB					
PFI Plant (10kVAR - 3400kVAR)	Capacitor	0.415	500 / 1000 / 2000	3	50	IEC
	PFC Relay					
	Magnetic Contactor					

* In the interest of continuous technical development, the above specifications are subject to change without prior notice.

HT Switchgear

- LBS
 - ▶ F&G Germany
- VCB
 - ▶ SIEMENS
 - ▶ ABB
 - ▶ **Betelco**
- CT / PT
 - ▶ SIEMENS
 - ▶ Other brands
- IDMT Relay
 - ▶ SIEMENS
 - ▶ ENTES
 - ▶ Other brands

LT Switchgear

- ▶ ABB
- ▶ LS
- ▶ Dorman Smith
- ▶ Merlin Gerin
- ▶ Telemecanique
- ▶ Other brands

PFI Plant

- Capacitor
 - ▶ Frako
 - ▶ Epcos
 - ▶ Aener Energia
 - ▶ Havells
 - ▶ Enerlux
 - ▶ Ducati
- Magnetic Contactor
 - ▶ Togami
 - ▶ LS
 - ▶ Dunga
- PFC Relay
 - ▶ Frako
 - ▶ Epcos
 - ▶ Shizuki
 - ▶ Beluk
 - ▶ PR Tec.
 - ▶ Mikro
 - ▶ Other brands



SWITCHGEAR HT / LT / PFI