



**VCB & RMU PANELS  
PACKAGE SUBSTATIONS(PSS)  
POWER & DISTRIBUTION TRANSFORMERS  
MEDIUM VOLTAGE SWITCHGEARS  
EPC & PROJECTS**



## ABOUT US

SANRECO, a pioneering JVC of Recons Power Equipments Pvt. Ltd. and San Systems & Controls Pvt. Ltd, Specializing in Medium Voltage (MV) Switchgear Solutions, dedicated to deliver the highest quality products and services to meet economically electrical distribution needs in most robust & fund saving.

Choosing SANRECO as your MV Switchgear Partner, leads access to cutting-edge technology, superior quality, and unmatched customer services. dedicated to building long-lasting relationships with customers based on trust, integrity, and mutual success.

## WHY SANRECO?

- In-House Sheet Metal Fabrication & Powder Coating Facility with CNC Laser & Turret Punching Machines.
- Authorized Channel Partners ABB for MV & LV Switchgears.
- In-House Manufacturing of all types of Transformers.
- In-House Testing & Assembling of all types of HT Equipments available.

## PRODUCT RANGE

- 11KV/33KV Vacuum Circuit Breaker (VCB) Panels
- 11KV/33KV Ring Main Unit (RMU) Panels
- 11KV/33KV Package Substations (PSS)
- Oil/Dry Type Power & Distribution Transformers with OLTC/OCTC- RECONS MAKE
- Bus Duct & Rising Mains
- Numerical Relays & Protection Relays For MV Switchgear

## VCB Panels (Indoor/Outdoor)

SANRECO Medium Voltage Switchboards, HT Panels are free standing, Floor mounting with separate chambers for VCB, Bus Bar, CT / PT Cable Chamber & Metering - Protection Relays Compartments covering wide range from 3.3 kV to 33 kV offering as associate partner with ABB.

### Technical Specifications

Construction	Modular & Rigid
Application	Indoor/ Outdoor/ Kiosk Design
IP class	IP 4x / 54 (indoor) IP 55 (outdoor)
Mounting	Floor Mounting
Busbar Design	Copper & Aluminium Both
Reference Standard	IEC 62271-200/ IS: 3427: 1997
Rated Current	800A/1250A/1600A/2000A/2500A/3150A
Rated Frequency	50 / 60Hz
Rated Short circuit withstand current	20kA,25kA,26.3kA,31.5kA,40kA
Rated Voltage	11kV / 22kV / 33kV
Power Frequency withstand voltage	28kV
Control Voltage	24V / 110V / 230V AC/DC

## RMU (Ring Main Unit Panels)

The SafeLink CB is an outdoor RMU ideally suited for rural and urban distribution applications up to 13.8kV.

### Technical Specifications

Rated Voltage	12 & 13.8kV
Rated Current	630A
Rated Short Circuit Withstand Current	21 kA for 3 sec
IP Class	IP 4x/ 54 (indoor) IP 55 (outdoor)
Medium of operation	SF6 gas
Enclosure	High tensile steel

# PACKAGE SUBSTATIONS (PSS)

Packaging Sub Station (PSS) also known as Compact Sub Station (CSS) or Utilised Sub Station (USS) is basically a replacement of conventional Sub station arrangement. It consists of Load Break Switch / Vacuum Circuit Breaker, Transformer, Distribution Panel & Lightning arresters mounted on a pole structure or on a platform.

## Technical Specifications

Voltage	3.3   6.6   11   22   33 KV
Power Range	200-2500 KVA
Tap Changer	OFTC   OLTC
Transformer	Oil   Dry
HT & LT IP Class	IP 54
Transformer Chamber	IP 23

## Salient Features:

### HASSLE FREE INSTALLATION

- No assembly required onsite.
- Single point lift and place of the PSS.
- Quick commissioning - Just connect.
- I/C, O/G cable and N/E strips.

### CERTIFIED AND SAFE

- Fully compartmentalized for safety and fire hazards.
- Automatic tripping in case of human intervention.

### SUPREME WATERPROOF QUALITY

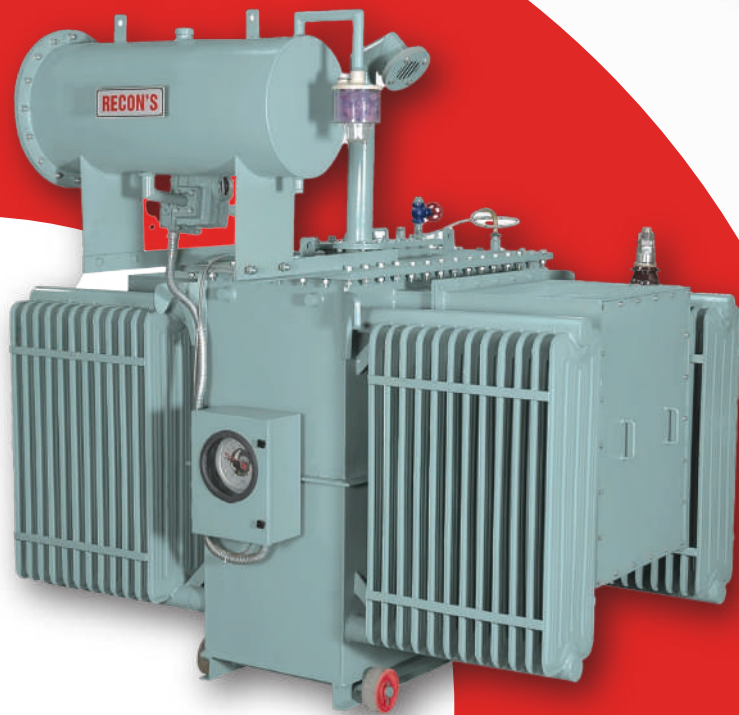
- Rust proof hardware.
- Weatherproof pure polyester paint.
- Dust and vermin proof.
- Naturally ventilated design.



**SMART PSS-IoT Based Remote Monitoring (Optional Feature)**



# POWER & DISTRIBUTION TRANSFORMER



SANRECO wide range of RECONS MAKE Oil Cooled/ Dry Type Transformers- with Off Circuit Tap Changer On Load Tap Changer (11KV / 33KV up to 20MVA) conforming to the international standards of quality and safety for industries & commercial/irraritional set-ups.

## Standard Specifications

Capacity	Up to 20 MVA
No. of phase	3 phase
Frequency	50 Hz.
Voltage range	11KV / 22KV / 33 KV
Tapping	On load tap changer to provide +5%-15% Taps in steps of 1.25%
Insulation	Class 'A' / Class 'H'
Vector Group	Dyn 11/ As per Req.
Duty Cycle	Continuous
Winding	Copper Wound
Terminals	As per requirement



## Numerical Relays & Protection Relays for MV Switchgear

### Technical Features

Programmable Numerical relays are microprocessor-based devices used in a variety of protection and control applications. These Relays are known for their precision, multifunctionality, and faster response times than conventional relays.

\* Images shown are for reference purpose only



## In-House Sheet Metal Fabrication & Powder Coating

SANRECO's association with San Systems & Controls Pvt. Ltd. leads access to all Sheet Metal Fabrication, Design & Precision Engineering facilities.

### OUR INFRASTRUCTURE



CNC Turret Punching Machine



CNC Laser Cutting Machine



CNC Bending Machine



Fully Automatic 9 Tank Powder Coating

## Authorized Channel Partners for Medium Voltage & Low Voltage Switchgears of ABB

### PRODUCT RANGE:

- Medium Voltage (MV) Switch Gears
- Low Voltage (LV) Switch Gears
- Soft-Starters, Drives, Changeover switches
- Reactors & Capacitors
- Plug & Sockets , Meters, Timers & SPD



## In-House Manufacturing of Power & Distribution Transformers

SAN RECO's association with Recons Power Equipments Pvt. Ltd. leads to access to design, manufacturing, testing & supply of all types of Power and Distribution Transformers

### OUR PRODUCT RANGE:



Distribution Transformers



Distribution Transformers With OLTC



Power Transformers With OLTC



Tranformers With Built-In H.T. AVR



Dry Type Transformers With OLTC



Special Purpose Transformers

## Our Esteemed Clients



Have some queries,  
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**SANRECO**  
*Innovation In Energy...*

### Contact Us:

📍 Plot No.126, Sector-59,  
HSIIDC Industrial Estate,  
Faridabad-121004, Haryana

☎ +91- 9999479074, 9871921777, 8800190468

✉ sales@sanreco.com

🌐 www.sanreco.com



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