AVS

SERVICE BROCHURE



SERVICE LINE 01

Power Panels

LT power and control panels designed around your load list, built by type-tested fabrication partners, and installed, tested and commissioned by AVS.

01	02	03	04
PCC, MCC and APFC panels	VFD and starter panels	DG synchronisation and AMF	Installation and commissioning

AVS GLOBAL INNOVATION PRIVATE LIMITED · IMT MANESAR, GURUGRAM

+91 95998 81192 / 88260 90978 avsglobalpvtltd@gmail.com avsglobalpvtltd.com

One partner for the whole plant.

AVS Global Innovation Private Limited is an engineering company at IMT Manesar, Gurugram, incorporated on 26 August 2025. We started as an authorised Voltas dealer for VRV/VRF air-conditioning and have supplied about ₹1 crore of Voltas systems.

Air-conditioning never works alone. Every system needs a power feed, a control panel and a plan for what it will cost to run. So we widened our scope to the utilities around it, and today work in four service lines: power panels, industrial automation, solar energy, and HVAC & cleanroom turnkey projects.

Panels are built through type-tested fabrication partners. HVAC and cleanroom products are manufactured by ABS Air Tech Pvt Ltd – an ISO 9001:2015 certified company with factories at IMT Manesar and Rewari, in business since 2012 – and delivered turnkey by AVS.

> Quality is our foundation, and customer trust is our greatest achievement.
>
> **Chaitanya Rao**
> Director · B.Tech, Electrical Engineering

2025
Incorporated on 26 August 2025

~₹1 Cr
Voltas VRV/VRF systems supplied

4
Service lines under one team

65,000 sq ft
Partner manufacturing – ABS Air Tech, IMT Manesar and Rewari

Power Panels
PCC, MCC, APFC, VFD and distribution panels

THIS BROCHURE

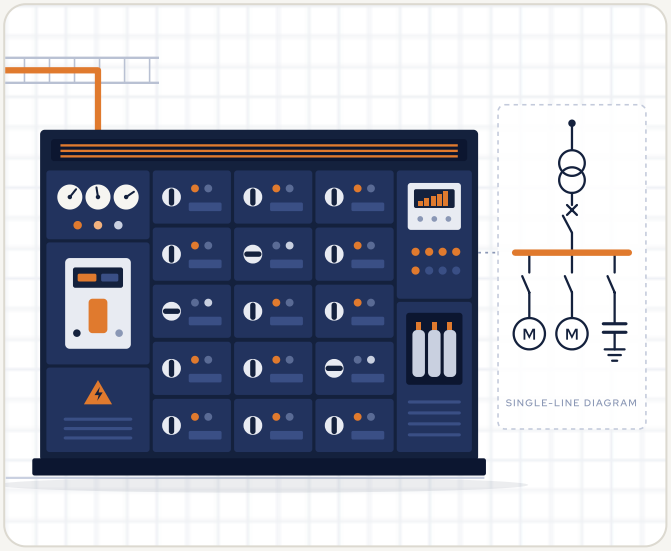
Industrial Automation
PLC, SCADA, drives, BMS and energy monitoring

Solar Energy
On-grid rooftop solar with net-metering

HVAC & Cleanroom
AHUs, ducting, filtration and cleanrooms

Panels engineered from your load list

Every panel starts from your load list and single-line diagram. We size the switchgear, draw the general arrangement and get your approval before anything is fabricated – then build through type-tested partners and commission at site.



WHAT WE DELIVER

01 **LT PCC and MCC panels**
Power and motor control centres for plant and utility loads.

02 **APFC panels**
Automatic power-factor correction, sized to your load profile.

03 **Main and sub-distribution boards**
MDBs and SDBs for production blocks and buildings.

04 **AHU, chiller and VFD control panels**
Starters and drives for HVAC and process utilities.

05 **Installation, testing and commissioning**
Erection, termination, testing and energisation at site.

06 **Retrofits and maintenance**
Switchgear replacement, panel modifications and upkeep.

One responsibility
From single-line diagram to energisation, one team answers for the panel.

Type-tested build
Assemblies fabricated through type-tested partners and checked before dispatch.

Lower electricity cost
Correctly sized APFC helps you avoid power-factor penalties.

Our panel range

Power control & distribution

- PCC panels
- MCC panels – fixed and drawout type
- Main and sub-distribution boards (LDB, PDB)
- Automatic changeover panels
- Metering panels and meter boards
- ACDB / DCDB panels
- Feeder pillars

Motor control & energy saving

- DOL, star-delta and forward–reverse starter panels
- Soft starter and VFD panels
- APFC and capacitor bank panels, with or without reactors
- AMF panels
- DG synchronisation and load-sharing panels
- Automatic street-light control panels

HT, control & enclosures

- HT panels
- 11 kV and 33 kV relay and control panels
- Annunciator panels
- Control desks and remote control desks
- MS / SS panel enclosures

Bus ducts, cabling & site supply

- Air-insulated and sandwich bus ducts, rising mains
- Cable trays – GI, pre-galvanised and hot-dip galvanised
- Transformers – supply and installation
- Junction boxes, FLP / NFLP glands, rubber mats
- Site installation, testing and commissioning

WE ALSO SUPPLY

ACB · MCCB · MCB · Contactors · Relays · Cables · Lugs · Meters · CTs



LT panels



PCC panel



MCC panel



Drawout MCC panel

Panels we deliver



PCC panel



Drawout type MCC panel



Capacitor / APFC panel



DG synchronisation panel



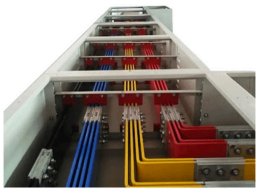
Meter board



Feeder pillar



HT panel



Bus duct



Distribution panel

Panels shown are representative of our range and are built by our type-tested fabrication partners.

Five steps. One accountable team.

HOW WE WORK

01
Load list and SLD
We collect your loads and draw the single-line diagram.

02
Drawings and BOQ
General-arrangement drawings and BOQ for your approval.

03
Fabrication
Built through type-tested fabrication partners.

04
Install and test
Erection, termination and testing at site.

05
Commission and hand over
Energised, with as-built drawings and test reports.

QUALITY COMMITMENTS

- ✓ **Design approved before fabrication**
  Drawings and BOQ are signed off by you first.
- ✓ **Type-tested assemblies**
  Panels fabricated through type-tested partners.
- ✓ **Tested before dispatch**
  Routine and functional tests on every panel.
- ✓ **Sized for running cost**
  APFC and drives sized to cut losses and penalties.

HANDED OVER WITH EVERY JOB

- As-built single-line and GA drawings
- Panel routine and functional test reports
- Material test certificates
- OEM component certificates
- Compliance and safety reports



APPLICATIONS

Industries we serve.

Pharmaceutical

Formulation and API plants, R&D and testing laboratories.

Food & beverage

Dairy, bakery, breweries, mineral water and snack units.

Infrastructure

Housing complexes, hospitals, hotels, malls and retail chains.

Steel & metal

Rolling mills, tube mills and metal processing units.

Tyre, rubber, wire & cable

Kneaders, calenders, press lines, wire drawing and extrusion.

Cold storage

Cold stores, frozen food and preservation units.

Paper, printing & packaging

Mill sections, rotogravure, lamination and slitting lines.

Sugar & co-generation

Mill and boiler automation, cane carriers, co-generation units.

Power & water

Substation control, STP, ETP, RO and water treatment plants.

ONE PARTNER FOR THE WHOLE PLANT

The same team also handles your

Industrial Automation
PLC, SCADA, drives, BMS and energy monitoring

Solar Energy
On-grid rooftop solar with net-metering

HVAC & Cleanroom
AHUs, ducting, filtration and cleanrooms



AVS

CONTACT

Let's talk about your plant.

Send us your load list, drawings or electricity bills, or invite us for a site visit. We reply with a clear scope and a quotation.

PHONE
+91 95998 81192 / 88260 90978

EMAIL
avsglobalpvtltd@gmail.com

WEBSITE
avsglobalpvtltd.com

REGISTERED OFFICE
Plot No. 348, Sector 6, IMT Manesar, Gurugram, Haryana 122050

AVS Global Innovation Private Limited · CIN U43219HR2025PTC135531 · GSTIN 06ABDCA5967D1ZP

FOR PLANTS IN DELHI-NCR

Free energy audit

We walk your plant, review power factor, HVAC and motor loads and rooftop solar potential, and show you where the savings are.

ALSO ASK FOR OUR BROCHURES ON

Industrial Automation | Solar Energy | HVAC & Cleanroom