PRODUCT DATASHEET

E-House and Power Skid

Prefabricated electrical room, wired and tested





DETAIL – HVAC UNIT

OVERVIEW

The Tech Inc. E-House and Power Skid is a prefabricated electrical room or skid that arrives on site wired, tested and ready to connect. It brings switchgear, drives, PLC control and backup power to a wellsite, station or process plant in one delivery.

MODELS AND CONFIGURATIONS

- **Containerised E-house** – electrical room built inside a container, shipped as one unit and set down on site.
- **Modular electrical building** – larger room built in transportable modules for sites with more switchgear and control equipment.
- **Skid-mounted power and control module** – switchgear, drives and control panels on a skid next to the equipment they serve.
- **Local equipment room** – compact room for the electrical and control equipment of one process unit or area.

TYPICAL DESIGN DATA

Power distribution	LV switchgear and MCC rated to the load list, or to client specification
Motor control	MCC starters and VFDs to the motor list, or to client specification
Control system	PLC and control panels with SCADA connection, to client specification
Backup power	UPS and batteries sized to the critical loads, or to client specification
Building services	HVAC, lighting and fire and gas detection sized for the site conditions, or to client specification
Size and layout	To the equipment list, maintenance access and transport limits, or to client specification

APPLICATIONS

Wellsites, remote pump and compressor stations, water and wastewater plants, and process skids that need local power and control.

KEY ADVANTAGES

- **Built and FAT-tested in the factory** – wiring, PLC logic, UPS and HVAC checked before dispatch
- **Less site work** – arrives wired and tested
- **Tech Inc. PLC and SCADA engineering** – control panels and logic designed and built in-house
- **One delivery, one supplier** – building, switchgear, drives, controls and backup power from one source
- **Protected equipment** – HVAC, lighting and fire and gas detection in a closed room

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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