

Monocot Power Houses

by Advanced Industrial Devices



Harsh Environment Portable Power Distribution Center



Monocot Power Houses

by Advanced Industrial Devices



- 800 Amp Service
- Multiple Variable Frequency Drives
- 10 Tons of A/C with Thermostat Control

**120/240v Distribution Panel
And Transformer**



Monocot Power Houses

by Advanced Industrial Devices



**480v Distribution Panel
And Safety Switches**

- **Built to UL Standards**
- **Operator Station**
- **Two 3x6 Personnel Doors**
- **Fire Extinguishers**



Monocot Power Houses

by Advanced Industrial Devices



**Small Harsh Environment Power Houses Designed
With Basic Power Distribution & A/C Only**

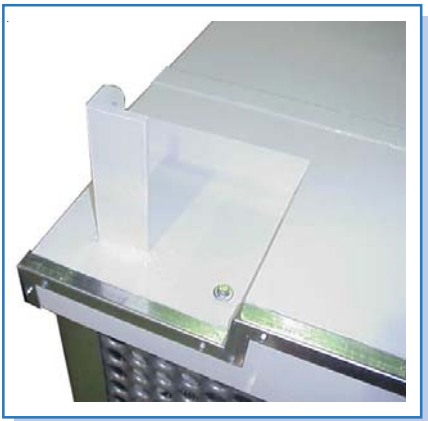


Monocot Power Houses

by Advanced Industrial Devices



**Open Air Ventilated Power House With
Variable Frequency Drive
(African Service)**



**Reinforced
For Lifting**



**Designed To Protect
Your Valuable Equipment**



**Braced
For Rigidity**

Monocot Power Houses

by Advanced Industrial Devices

Wall Construction

1. All wall and roof panels: Powder coated sky white unless another color is requested
2. Outer walls constructed of G90 galvanized metal
3. Inner panels (if required) constructed of 16ga G90.
4. Roof panels slope to the back to allow rain and snow to drain away from the entry door
5. Wind resistance: 110 mph sustained winds if properly anchored down
6. Snow loads: The roof is designed to withstand without damage snow loads commonly experienced in North America

Skid Construction

1. Sub structure: Structural steel frame with cross beam and web reinforcement to ensure minimal deflection in all directions
2. Top: Deck plate or other non-skid material subject to customer spec
3. End pieces: Bull nosed or boxed subject to customer spec
4. Paint: Epoxy over primer

Wall Insulation

1. R19 insulation in walls and roof
2. Floor insulation is optional

Power Access

1. Equipment is mounted inside the power house such that power can be run through the floor or side wall

Standard Equipment

1. 30/70 steel personnel door with inside panic hardware
2. 40w double bulb fluorescent fixtures as required to provide adequate lighting
3. Emergency exit light
4. Class ABC fire extinguisher
5. Sidewall mounted, outdoor rated air conditioning as required to maintain desired ambient temperature (note: air conditioners include heating system)
6. Temperature control is provided by wall-mounted change-over thermostat

Monocot Power Houses

by Advanced Industrial Devices

COMPLETE PROJECTS

Start to Finish



From mechanical and electrical design...

To fabrication...

To preparation for domestic or international shipment...

To satisfied customer