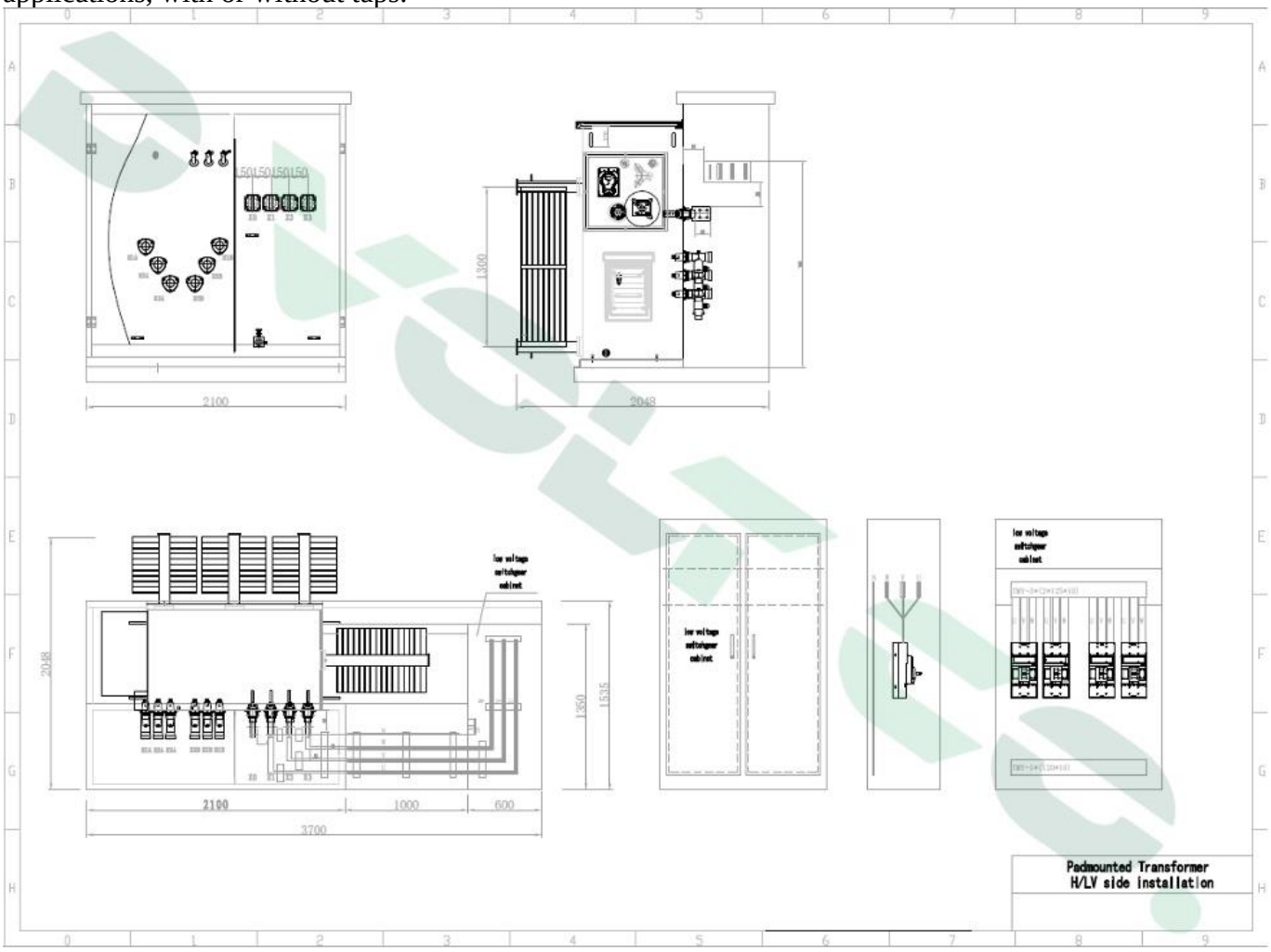
Primary Voltage Ratings: 13.8kv, 24.9kV, 34.5kV, additional optional YY/2 available, 13.8/6.9kV, 24.9/12.45kV, 34.5/17.25kV
Secondary Voltage Ratings: 0V~1.2kV
High Voltage Tap Range: ±2×2.5% or others
Low Voltage Switchgear Cabinet: 2X2500 Frame Breaker, 4x1200A MCCB or Any Customized Breaker Size
The rated power of D Volt's three-phase pad mount transformer w. low voltage switchgear cabinet is 45-5000kVA, and the voltage level is 10kV, 15kV, 25kV, 35kV. The attached low voltage switchgear cabinet is customizable upon inquiry. Different layers of breaker protection are available from 25A up to 5000A. The cabinet can hold up to 4 layers of breaker.

Description:
The D Volt's transformer w. low voltage cabinet is an oil-filled, three-phase, commercial pad mounted distribution transformer specifically designed for crypto mining to fulfill local requirement. It is available in both live front and dead front construction, for radial or loop feed applications, with or without taps.



Standard Transformer Features:

l. Four lifting lugs.
2. Bolted-on terminal compartment (18" or 2 4" deep depending on KVA) with removable front sill.
3. Hinged, lift-off cabinet doors.
4. Interlocked penta-head bolt/padlock handle operates a cam assembly which is part of the 3-point door latching mechanism. (A hex-head bolt is available.)
5.Forlivefront construction, externally clamped high voltage porcelain bushings with a single eye bolt, clamp type connector (accommodates #6 AWG solid to 250 MCMstranded conductors).
6.For dead front construction, externally clamped high voltage bushing wells for load break or non-load break inserts.
7.Lightning arrester mounting pads (live front only).
8.Tankgroundpads (1 in H V, 1 in LV).
9.Steelhigh/low voltage compartment barrier.
10. One l/2"penta-head bolt must be removed from the flange formed on the steel high /low barrier before the HV door can be opened (1/2"hex-head bolt available as an option).
11.Externallyclampedlow voltage bushings with threaded copper stud for full load current below 2100amps.Externallyclamped integral low voltage bushings for current above 2100 amps. NEMA spades provided per ANSI hole requirements.
12. Nameplate.
13. Fill plug and self-actuating pressure relief device.
14. Drain plug.
15.Removable neutral ground strap.
16. Five-legged core/coil assembly.
17.Handhole cover bolted onto tank top (protected by weather cover).
18.Panel-typecoolers.
19.NEMAsafetylabels.
20. The paint finish process applies a durable, corrosion resistant finish to the product. The finish meets or exceeds all the performance requirements of ANSI C57.12.28. The multi-step process includes an epoxy primer uniformly applied by cationic electrodeposition and a urethane top coat.

Switchboard Specifications:

Description: 415VAC Switchboard, 2500A
Quantity:
Alignment: Front Access
Service: 415VAC, 3Ph, 4W
Minimum Interrupt Rating: 80kAIC @ 415VAC
Bus Specifications

- Bus Amps: 2500A Bus bracing80kAIC @ 415VAC
- Neutral Amps: N/A
- Bus Material: Copper
- Ground Bus Material: Copper

Outgoing Information

- Outgoing: Bottom
- Outgoing Qty / Size: Up to 350MCM (150/250AF), Cu/Al, landing on ACB.

Incoming Information

- Incoming Entry: Rear, Copper flexible connection connection to Medium Voltage Transformer (“MVT”) through bus bar bridge (PREFERRED); or, direct cable connection to MVT, up to 750MCM (10 / phase & neutral, cable included).

Structure Specifications

- Enclosure Type: NEMA Type 3R (non walk-in) Flat Roof

Enclosure Properties
Structure assigned to Medium Voltage Transformer: 2 Switchboards per MVT

- One (1 ACB) feeders, Right post. （Incoming 1x2500A Frame breaker）
- One (1 ACB) feeders, Left post. （Incoming 1x2500A Frame breaker）