

Padmount voltage regulator

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The Siemens Energy Padmount Voltage Regulator offers a new dimension to underground system planning and design that preserves an aesthetically pleasing environment. Maintaining all of the functionality of a traditional regulator, the Padmount Voltage Regulator improves safety because there are no exposed high-voltage lines. Additionally, the tamper-resistant, secured cabinet design protects the access to components including the drain valve, bushings and cover bolts.

The layout and positioning of the controls is on the narrow end of the box, which allows for additional placement options and smaller operational space requirements. The controls are ergonomically positioned for easy access for operators. The bushing connections and sample valve reside in the lower enclosure.

Standard features

Each Siemens Energy Padmount Voltage Regulator is delivered fully equipped, ready for installation, and includes:

- Full metal barrier separating the two compartments
- Three bushing wells and inserts for terminal connections
- Aesthetically pleasing rugged green paint
- Bolted oil tank cover
- Lifting lugs
- Ground pads
- Nameplates
- Oil sight gage
- Automatic pressure relief valve
- Control panel mounted inside top enclosure, protected from natural elements.

Options

The following features are optional to customize each installation:

- Pressure gauge
- Oil temperature thermometer
- Shunt arrestors
- Control heater assembly.

Summary

With the Siemens Energy Padmount Voltage Regulator, safety and reliability are enhanced, construction costs are reduced, and land requirements are smaller with a more attractive physical profile for the public.

Product ratings

Volts	Amperes	kVa	Bushing	BIL
7620	100	76.2	600amp	95
7620	150	114.3	600 amp	95
7620	219	167	600 amp	95
7620	328	250	600 amp	95
7620	437	333	600 amp	95
7620	546	416.3	600 amp	95

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