



Direct Burial Vault System



Reasons to Specify the Semper Fi Direct Burial Vault System

The Industry's Best Load Rate

The Direct Burial Vault System houses one or more transformers, powering loads up to 1200 watts, many at 95 percent or higher efficiency—an industry best.

Superior Craftsmanship

Each Semper Fi vault system provides long term performance and reliability. It includes quality vaults, transformers, breaker boxes and terminal blocks. Each system is built for durability and backed by a 10-year warranty.

Design Simplicity

No special cables, vaults or connectors required, lowering cost.

Thinking *Outside the Box*

Vaults feature an open bottom which allows for maximum drainage. Each DBV Module includes standoffs to raise the transformer off the ground.

Customizable

Customize the vault and transformers to fit your project's needs. More than 1,450 different transformer variations can be built to order.

Big or Small, We Solve Them All

The DBV System utilizes three different enclosures to solve the most difficult outdoor powering challenges.

Semper Fi Power Supply has been producing direct burial transformers since 2001, many of them mounted into vaults. The Direct Burial Vault (DBV) transformer has been modified slightly for use in a vault. The DBV System offers superior protection against the elements and additional features that provide for simple installation, maintenance and modifications. Here's why your customers' outdoor lighting projects should include the Semper Fi DBV System.

Your Vault or Ours:

Semper Fi can supply the vault and wiring for your project, or provide your own. No special wire or vault is required as long as it provides adequate space to fit each DBV transformer and to facilitate drainage. Factor in frost penetration for your area.



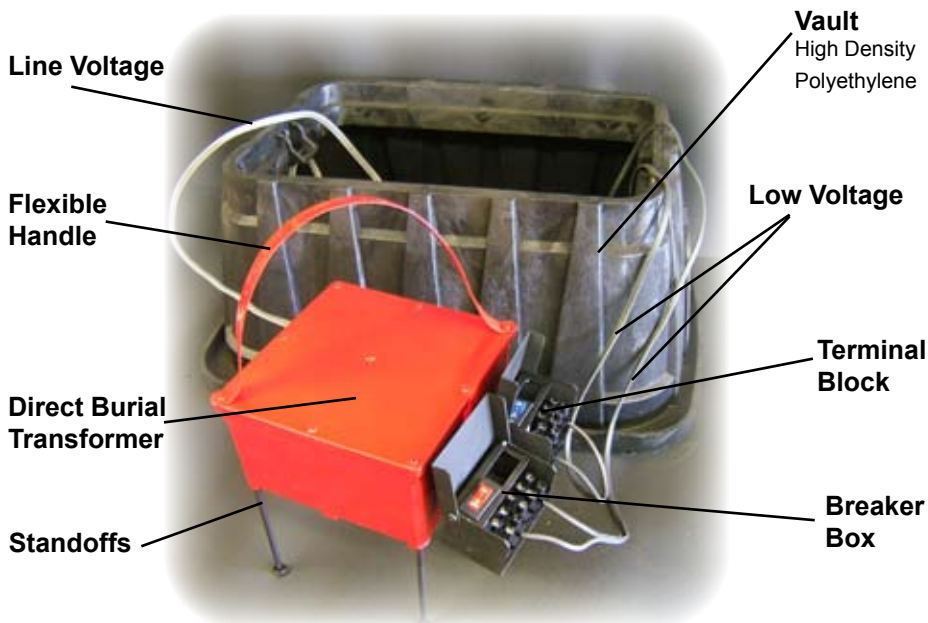
This residence uses Semper Fi direct burial technology to transform its landscape into a Winter Wonderland.

DBV Transformer Configurations:

SF-001

Model	Standard Input (V)	Standard Output (V)	Standard 12V Breaker(s)	Transformers/Cables Per Enclosure	Case Size		
DBV-60 *	120	12 *	1 x 5	1/1	Mini	13" x 6" x 10"	
DBV-2 x 60 *	120	12 *	1 x 5	2/1	Mini		
DBV-120	120	12	1 x 10	1/1	Mini		
DBV-180	120	12	1 x 15	1/1	Mini		
DBV-240	120	12	1 x 20	1/1	Mini		
DBV-300	120	12	1 x 25	1/1	Mini		
DBV-360	120	12	2 x 15	1/1	Mini		
DBV-3 x 60 *	120	12 *	1 x 5	3/2	Small	15" x 8" x 10"	
DBV-4 x 60 *	120	12 *	1 x 5	4/2	Small		
DBV-2 x 120	120	12	1 x 10	2/2	Small		
DBV-2 x 180	120	12	1 x 15	2/2	Small		
DBV-2 x 240	120	12	1 x 20	2/2	Small		
DBV-2 x 300	120	12	1 x 25	2/2	Small		
DBV-2 x 360	120	12	2 x 15	2/2	Small		
DBV-480	120	12	2 x 20	1/2	Small		
DBV-600	120	12	2 x 25	1/2	Small		
DBV-3 x 120	120	12	1 x 10	3/3	Medium		19" x 12" x 12"
DBV-3 x 180	120	12	1 x 15	3/3	Medium		
DBV-3 x 240	120	12	1 x 20	3/3	Medium		
DBV-3 x 300	120	12	1 x 25	3/3	Medium		
DBV-3 x 360	120	12	2 x 15	3/3	Medium		
DBV-720	120	12	3 x 20	1/3	Medium		
DBV-900	120	12	3 x 25	1/3	Medium		
DBV-4 x 120	120	12	1 x 10	4/4	Large	24" x 14" x 12"	
DBV-4 x 180	120	12	1 x 15	4/4	Large		
DBV-4 x 240	120	12	1 x 20	4/4	Large		
DBV-4 x 300	120	12	1 x 25	4/4	Large		
DBV-4 x 360	120	12	2 x 15	4/4	Large		
DBV-2 x 480	120	12	2 x 20	2/4	Large		
DBV-2 x 600	120	12	2 x 25	2/4	Large		
DBV-960	120	12	4 x 20	1/4	Large		
DBV-1200	120	12	4 x 25	1/4	Large		

Optional voltage as required for international use. Optional AC to DC (DC, PM or DCF). Each cable can accommodate one or two circuit breakers. Standard transformer provides 12, 13, 14 and 15 volt output tap. * 12 or 24 volt taps only. Direct burial transformers are UL Listed UL1838 and UL2108 and comply with the National Electrical Code. Vault dimensions are below.



Vault Sizes:

- Maxi = 41" x 28" 18"
Holds: 4 Mini, 3 Small, 1 Medium or 1 Large
- Super = 34" x 24" 15"
Holds: 3 Mini, 2 Small or 1 Medium
- Jumbo = 27" x 20" 12"
Holds: 2 Mini or 1 Small
- Standard = 22" x 17" 12"
Holds: 1 Mini

