



Vigilant 100A Residential Load Center ATS

100 Amp Automatic Transfer Switch with Built-in Sub-Panel

Rugged contactor-based double throw switch

Save up to 3 hours install time

Robust full-featured controls

Externally accessible Exerciser Clock and LED's

Square D QO panel accepts 12 Regular or 24 Mini Circuit Breakers

5 Year Warranty

Eliminates the Need for Separate Sub-Panel

The Vigilant 100A Load Center Automatic Transfer Switch will save you time and money on every installation. It completely eliminates the need to install a separate sub-panel and gives you the option of installing 12 regular or 24 mini Square D circuit breakers (optionally supplied). Lightweight, and easy to install, the Vigilant Load Center fits snugly between two studs and has plenty of conveniently placed knock-outs. It is so easy to install, in fact, that it can cut up to 3 hours off your installation time when compared to installation of a regular transfer switch and separate sub-panel.

Full Featured Transfer Switch Controls

Employing all of DynaGen's proven controls expertise DynaGen engineers have developed new, ruggedly reliable controls that set new standards for simplicity, reliability, and durability including the following features:

- Integrated voltage and frequency sensing
- Adjustable transfer delays instead of fixed settings
- Fused remote start contact relays
- Adjustable drop-out & pickup values for voltage & frequency
- Conformal coating to protect against moisture

The new **Vigilant Series** controls are so reliable, in fact, that they are backed by the longest warranty in the business.

Five full years.

Save Your Profits and Your Reputation

Keep your profits and your reputation from being eaten away by costly service issues caused by load centers that can't stand the test of time. Install **Vigilant Load Centers**. They are engineered to *make* you money now and to *save* you money in the long run.



NEMA 1 Enclosure

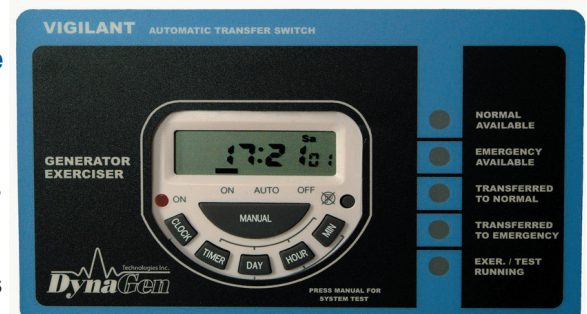
One-Stop Toll-Free Technical Support

Buying all your power control products from DynaGen has another very big advantage: one toll-free number for all your technical support questions. Transfer Switches - Panels - Controllers - we make them all. And when you call DynaGen you get full access to the knowledgeable engineers who designed your

The Best User Interface on the Market

DynaGen's new exclusive exerciser clock gives you full control over day and time. It is, hands

down, the most flexible and easiest-to-use timer on the market today. And, best of all, the exerciser clock and indicator LED's are both accessible from outside the transfer switch. No need to remove the cover.



Contact us today!

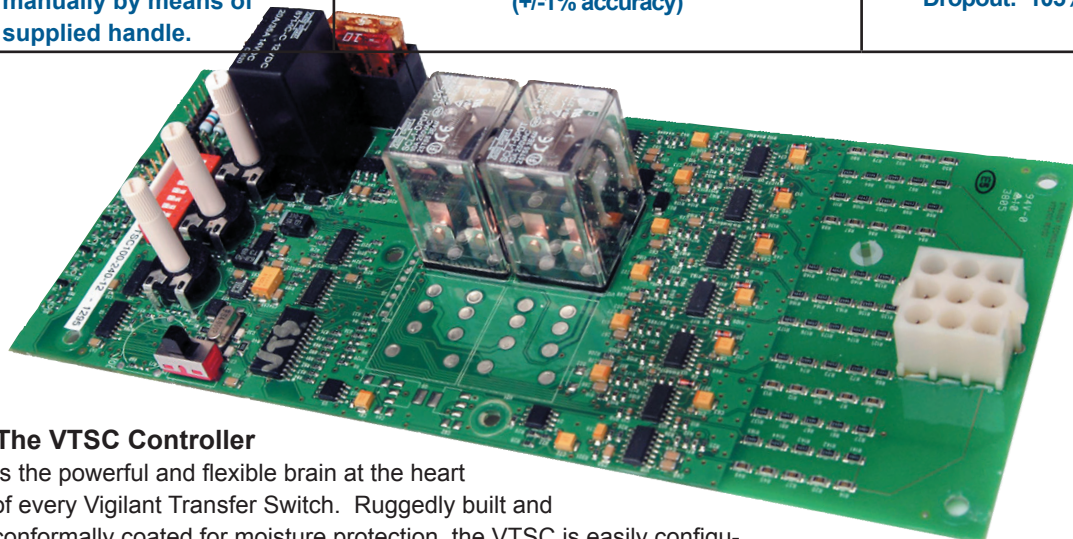
1-888-DYNAGEN
www.dynagen.ca

The Best Generator Controls at the Best Prices

Vigilant Load Center Specifications

AC Current Rating	100A 2 Pole		
AC Voltage Rating	120/240V		
Remote Start Contact Rating	10A Maximum		
DC Operating Voltage	12/24 VDC DC operating voltage is delivered to the VTSC100 transfer switch controller from the generator starting batteries ensuring that the controller is continuously powered and ready to control power to loads at any time. Factory jumpers to be installed (12VDC) or removed (24VDC) (9 VDC min - 30 VDC max)		
DC Power Consumption	25mA @ 12VDC		
UL Withstand / Closing Ratings	10kA Please consult factory for specific protective device specifications and rating.		
Dimensions / Weight	Overall Dimensions: 26" x 14.25" x 6.00" - Weight: 45 lbs.		
Lug Capacities	1/0 - 14Cu 1/0 - 12Al		
Controller Setting Ranges	Function	Field Adjustable Range	Factory Setting
Controller Adjustments: Timing functions of the VTSC100 Controller are easily configurable through the use of on-board potentiometers.	Time Delay Engine Start	0 - 32 sec	10 sec
	Time Delay Normal to Emergency	0 - 64 sec	10 sec
	Time Delay Emergency to Normal	0 - 256 sec	256 sec
	Time Delay to Engine Cool Down	0 - 256 sec	256 sec
Operating Temperature: - 4 to +158°F	Normal & Emergency Under Voltage Phase to neutral sensing (+/-2% accuracy)	Nominal P-N VAC Dropout: 82% - 89% Pickup: 87% - 94%	Nominal P-N VAC Dropout: 82% Pickup: 87%
Operating Humidity: 0-95% Relative, Non-Condensing	Normal & Emergency Over Voltage Phase to neutral sensing (+/-2% accuracy)	Nominal P-N VAC Dropout: 118% - 111% Pickup: 113% - 106%	Nominal P-N VAC Dropout: 118% Pickup: 113%
Test Switch Included	Normal & Emergency Under Frequency (+/-1% accuracy)	Nominal P-N Frequency Dropout: 88% - 95%	Nominal P-N Frequency Dropout: 88%
Switch can be operated manually by means of supplied handle.	Normal & Emergency Over Frequency (+/-1% accuracy)	Nominal P-N Frequency Dropout: 105% - 112%	Nominal P-N Frequency Dropout: 112%

02/07



The VTSC Controller

is the powerful and flexible brain at the heart of every Vigilant Transfer Switch. Ruggedly built and conformally coated for moisture protection, the VTSC is easily configurable through the use of on-board dip switches and potentiometers.



Contact Us

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