



Ovation™ Series Automatic Transfer Switches

PRODUCT SPECIFICATIONS

DESCRIPTION: A series of service entrance rated, open-transition automatic transfer switches integrated with a load center, offered in NEMA Type 1 or 3R enclosures, for use in residential and light commercial single phase standby power applications and compatible with stationary generators up to 50 kW. PowerPause™ Load Management Modules and surge suppression options are factory or field installable.

MODEL	POLES	CURRENT (Utility/Gen)	VOLTAGE (nominal, AC)	PHASE	FREQUENCY (nominal, Hz)	ENCLOSURE RATING (NEMA)	ENCLOSURE SIZE (HxWxD inches)	BRANCH CIRCUITS	MOUNT Flush/Surface	WEIGHT (lbs)	LUG CAPACITY
ATS1001D	2	100/100	120/240	1	60	Type 1	24 x 14.31 x 3.93	14	F/S	28	2/0 Al/Cu
ATS1001R	2	100/100	120/240	1	60	Type 3R	28 x 14.5 x 4.25	16	S	27	2/0 Al/Cu
ATS2001D	2	200/125	120/240	1	60	Type 1	42 x 14.31 x 3.93	38	F/S	46	300 Kcmil Al/Cu
ATS2001R	2	200/125	120/240	1	60	Type 3R	41 x 4.5 x 4.25	38	S	43	300 Kcmil Al/Cu
ATS2002R	2	200/200	120/240	1	60	Type 3R	23.5 x 18.5 x 4.25	4	S	23	300 Kcmil Al/Cu

CONTROLLER

Voltage (nominal): 240 VAC (+/- 3%)
 Pickup <204 or >270 VAC
 Dropout <190 or >280 VAC
 Frequency (nominal): 60 Hz (+/- 2%)
 Pickup <57 or >63 Hz
 Dropout <54 or >66 Hz
 Time delays:
 Gen Start 5 seconds (utility voltage or frequency out of range)
 Load to Gen 10 seconds (verify voltage and frequency)
 Retransfer to Util 60 seconds (verify voltage and frequency)
 Gen Cooldown 300 seconds
 Generator Exerciser:
 Repeat interval 0, 7, 14, or 28 days
 Duration 15 minutes (10 min transferred, 5 min cool down)
 Load transfer Optional
 Diagnostic Monitoring:
 Gen start/stop failure (fast flash LED 4 – GENERATOR POWER)
 Gen over/under voltage/frequency (slow flash LED 4 – GENERATOR POWER)
 Utility over/under voltage/frequency (slow flash LED 2 – UTILITY POWER)
 Transfer failure to generator (slow flash LED 5 – GENERATOR LOAD)
 Transfer failure to utility (slow flash LED 1 – UTILITY LOAD)
 Motor drive fault (fast flash LED 3 – LOAD)
 Battery failure (fast flash LEDs 2+5 – UTILITY POWER + GENERATOR LOAD)
 Generator Signaling:
 Supports 2 or 4 wire (ON, +12V) or (CRANK, ON, +12V, -12V)
 PowerPause™ Load Management modules (optional, sold separately)
 Dynamic load management for up to six (6) 2 pole standby circuits
 PowerPause™ Relay Box (optional, sold separately)

ENVIRONMENTAL CONDITIONS

Temperature: Operating: -4°F to +122°F (-20°C to +50°C)
 Storage: -67°F to +149°F (-55°C to + 65°C)
 Humidity: 95% Relative humidity

WITHSTAND/CLOSING RATING

10K AIC standard, 22K AIC optional (22K AIC standard on ATS2001D/R)

COMPATIBLE BRANCH CIRCUIT BREAKERS

Siemens® QAF, QFH, QE, QEH, QFP, QNR, QNRH,
 QP, QF, QPF, QPH, QT, QSAP, HQP
 Cutler-Hammer: BD, BR, BQ, GFC
 Square D HOM
 GE THQL, THHQL

AGENCY APPROVALS

- cULus67
- Conforms to requirements of NEC/NFPA 70, Article 702.5 and 702.6 for Optional Standby Systems.

WARRANTY

Covers defects in materials and workmanship for 24 months from date of purchase, subject to inspection. Must be installed by a qualified electrician in accordance with the National Electrical Code and all applicable local codes, with all necessary permits and inspections prior to operation.

For more information, call 1-888-GEN-TRAN or visit www.gen-tran.com.

