

North America product line



Main Feature	GTEC	RA/RSS	OTEC	BTPC	B-series	X-series
Specifications						
Application	Residential/ Lt. Commercial	Residential/ Small Business	Lt. Commercial/ Industrial	Mission Critical	Mission Critical	Mission Critical
Amp Range	40–2000	100–400	40–1200	150–1000	150–3000	40–3000
(Select the ATS to suit the largest-sized supply (amps) that will be applied to the ATS)						
Voltage Rating	up to 480VAC	240V	up to 600VAC	up to 600VAC	up to 600VAC	up to 600VAC
Phases	1 or 3	1	1 or 3	1 or 3	1 or 3	1 or 3
Frequency	50 or 60Hz	60Hz	50 or 60Hz	50 or 60Hz	50 or 60Hz	50 or 60Hz
Poles	3, 4	2	3, 4	3, 4	3, 4	3, 4
Warranty	1 year	2 years	up to 10 years	up to 10 years	up to 10 years	up to 10 years
Switch mechanism						
Open Transition	Yes	Yes	Yes	Yes	Yes	Yes
Closed Transition	No	No	No	Yes	Yes	Yes
Programmed Transition	Yes	No	Yes	Yes	Yes	Yes
Non-Automatic Operation	No	No	No	No	No	Yes
Bypass Isolation – Open Transition	No	No	No	Yes	Yes	No
Bypass Isolation – Closed Transition	No	No	No	Yes	Yes	No
Bypass Isolation – Programmed Transition	No	No	No	Yes	Yes	No
Utility-to-Genset	Yes	Yes	Yes	Yes	Yes	Yes
Utility-to-Utility	No	No	No	Yes	Yes	Yes

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Genset-to-Genset	No	No	No	No	Yes	Yes
Service Entrance Available	No	Yes	Yes	No (≤ 1,000A)	No	Yes
Mechanical Interlock	Yes	Yes	Yes	Yes	Yes	Yes
WCR w/ Specified Circuit Breakers	5–40kA	10–35kA	14–85kA	25–65kA	65–85kA (150–1000A)	
WCR w/ Current Limiting Fuses	26–120kA		200kA	200kA	200kA	200kA
3-cycle Rating			25 to 42kA	25 to 42kA	25 to 150kA	30-150kA
Short-time Ratings					85 to 125kA (1200–3000A)	35-125kA
/ 30-cycle Rating (UL Listed)						
Control						
Type of Control	PC40-12	RA - No control RSS - PC20	PC40-11	PCC L2	PC80	PC80
Operator Panel						
Load Connected to Normal LED	Yes	RSS only	Yes	Yes	Yes	Yes
Normal Source Available LED	Yes	RSS only	Yes	Yes	Yes	Yes
Load Connected to Emergency LED	Yes	RSS only	Yes	Yes	Yes	Yes
Emergency Source Available LED	Yes	RSS only	Yes	Yes	Yes	Yes
Load AC Metering Bar Graph	No	No	No	Yes	No	No

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Control Functions						
3-phase Voltage Sensing–Utility	Yes	No	Yes	Yes	Yes	Yes
3-phase Voltage Sensing–Generator	Yes	No	Yes	Yes	Yes	Yes
O/U Voltage Sensing Utility	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes
O/U Voltage Sensing Generator	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes
Voltage Sensing Accuracy	+/-2%	+/-2% RSS only	+/-2%	+/-2%	+/-2%	+/-2%
O/U Frequency Sensing Utility	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes
O/U Frequency Sensing Generator	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes
Voltage Imbalance	No	No	Yes	Yes	Yes	Yes
Phase Rotation	Yes	No	Yes	Yes	Yes	Yes
Loss of Phase	No	No	Yes	Yes	Yes	Yes
High Neutral Current Sensing	No	No	No	No	Yes	Yes
Transfer Normal to Emergency	0– 60 min	0– 60 min (RSS only)	0– 60 min	0–120 sec	0 - 259 min	0 - 259 min
Re-transfer Emergency to Normal	0–5 hr	0–5 hr (RSS only)	0–5 hr	0–30 min	0 - 259 min	0 - 259 min
Engine Start Delay (Adjustable)	0–10 hrs	0–10 hrs (RSS only)	0–10 hrs	0–120 sec	0 –1 hr	0 –1 hr
Time Delay to Engine Stop	0–1 hr	0–1 hr (RSS only)	0–1 hr	0–30 min	0–1800 sec	0–1800 sec
Programmed Transition	0.5 sec –10 min		0 sec –10 min	0–60 sec	0– 10 min	0– 10 min
Elevator Time Delay	0 - 5 min	0 - 5 min (RSS only)	0 - 5 min	0–60 sec	0 -10 min	0 -10 min

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Fail to Disconnect Timer (Closed Transition)	No	No	No	Yes	Yes	Yes
Time & Date-Stamped Event Log	Yes	No	Yes	Yes	Yes	Yes
Historical Data Display	Yes	No	Yes	Yes	Yes	Yes
Remote Monitoring/Communication	Yes	No	Yes	Yes	Yes	Yes
System Data Display	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes
Load Monitoring	No	No	Yes	Yes	Yes	Yes
Automatic Load Management	No	No	No	No	Yes	Yes
Integrated Power Quality Metering	No	No	No	No	Yes	Yes
Alphanumeric Display	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes
Panel Security Lock	Yes	Yes	No	No	No	No
Load Sequencing	Yes	Yes	Yes	Yes	No	No
Exercise Clock	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes
Real-Time Clock	Yes	Yes (RSS only)	Yes	Yes	Yes	Yes

Amp rating	GTEC	RA/RSS	OTEC	BTPC	B-series	X-series
40	GTECA		OTECA, OTECSEA			CXSB, CXSBSE
63	GTECA					
70			OTECA, OTECSEA			CXSB, CXSBSE
100	GTECB	RA112N3, RA112S3, RSS100	OTECSEA			
125	GTECB		OTECA, OTECSEA			CXSB, CXSBSE
150		RA1512S3	OTECB, OTECSEB	BTPCB	CBLC	CXSB, CXSBSE, CXTC, CXTCSE
160	GTECC					
200		RA212N3, RA212S3, RSS200	OTECSEB			
225			OTECB, OTECSEB	BTPCB	CBLC	CXSB, CXSBSE, CXTC, CXTCSE
250	GTECC		OTECSEB			
260			OTECB	BTPCB	CBLC	CXSB, CXSBSE, CXTC, CXTCSE
300		RA312S3	OTECC, OTECSEC	BTPCC	CBLC	CXSB, CXSBSE, CXTC, CXTCSE
350						
400	CBLC	RA412N3, RA412S3	OTECC, OTECSEC	BTPCC	CBLC	CXSB, CXSBSE, CXTC, CXTCSE
500						
600	CBLC, CBLD		OTECC, OTECSEC	BTPCC	CBLC, CBLD	CXTC, CXTCSE, CXTD, CXTDSE
630						
800	CBLD		OTECD, OTECSED	BTPCD	CBLD	CXTD, CXTDSE
1000	CBLD		OTECD, OTECSED	BTPCD	CBLD	CXRE, CXRESE
1200	CBRF		OTECE		CBRF	CXRE, CXRESE, CXRF, CXRFSE
1250						
1600	CBRF, CBRG				CBRF, CBRG	CXRF, CXRFSE, CXRG, CXRGSE
2000	CBRG				CBRG	CXRG, CXRGSE
2600	CBRH				CBRH	CXRH, SE ETO only
3000	CBRH				CBRH	CXRH, SE ETO only
ATS Certification / Compliance	UL1008, cUL	UL1008	UL1008	UL1008	UL1008, cUL	UL1008, cUL
	CSA	CSA	CSA (non-SE only)	CSA	CSA	