

## TRANSFER SWITCHES

# RTS Automatic Smart Transfer Switch

600 - 800 Amps, 1-phase & 3-phase



\*Built in the USA using domestic and foreign parts

## FEATURES

- **600-800 amp RTS transfer switches** are compatible with the full 22-150kW line of liquid-cooled generators. The switches are open transition and are available in 120/240 1 $\phi$ , 120/208 3 $\phi$ , 120/240 3 $\phi$ , and 277/480 3 $\phi$ .
- **600-800 amp RTS transfer switches** are housed in a steel NEMA/UL Type 3R enclosure, with electrostatically applied and baked powder paint. The heavy duty Generac® Contactor is a UL recognized device, designed for years of service. The controller at the generator handles all the timing, sensing and exercising functions.
- **DPM Technology (single phase switches only)** Through the use of digital power technology (DPM), each of these switches have the capability to manage up to 4 individual HVAC (24V controlled) loads with no additional hardware. When used in tandem with Smart Management modules, up to 8 more loads can be managed as well, providing the most installation efficient power management options available.

## FUNCTIONS

All Timing and sensing functions originate in the generator controller

• Utility voltage drop-out	<60%
• Timer to generator start	5 second factory set, adjustable between 2-1500 seconds by a qualified dealer*
• Engine warm up delay	5 seconds
• Utility voltage pickup	>90%
• Re-transfer time delay	15 seconds
• Engine cool-down timer	60 seconds**
• Exerciser	12 minutes every 7 days

The transfer switch can be operated manually without power applied.

\*When used in conjunction with a unit utilizing Sync 2.0™ controls

\*\*Default settings may vary by model, see owner's manual for settings

## SPECIFICATIONS

Model	RTSK600A3	RTSZ600G3	RTSZ600J3	RTSZ600K3	RTSK800A3	RTSZ800G3	RTSZ800J3	RTSZ800K3
Amps	600				800			
Voltage	120/240 1Ø	120/208 3Ø	120/240 3Ø	277/480 3Ø	120/240 1Ø	120/208 3Ø	120/240 3Ø	277/480 3Ø
Load Transition Type (Automatic)	Open Transition							
Enclosure Type	NEMA/UL 3R							
Withstand Rating (Amps)	42,000				65,000			
Lug Range	1/0 - 500 MCM				4/0 - 500 MCM			

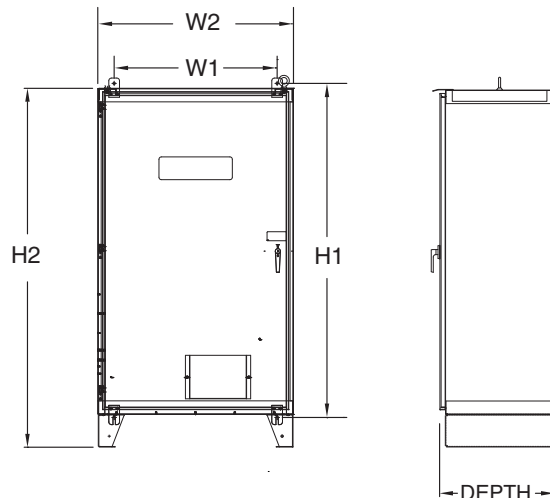
## DIMENSIONS

Voltages**	Height (in./mm)		Width (in./mm)		Depth (in./mm)	Weight (lbs/kilos)
	H1	H2	W1	W2		
120/240 1Ø, 120/208 3Ø, 120/240 3Ø	61.4/1559.6	66/1676.4	30/762	36/914.4	21/533.4	337.5/153.09
277/480 3Ø	61.4/1559.7	66/1676.5	30/763	36/914.5	21/533.5	353.5/160.34

\*\*Includes 600 & 800 amp switches

## TRANSFER SWITCH FEATURES

- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 160 millisecond transfer time.
- Dual coil design.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA/UL 3R (indoor/outdoor rated) steel enclosure is standard.
- Limited 5 Year Warranty.



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