

Elevate Industry Power Reliability

Finch RTS

11-40kVA







Powering Industries with Reliability, Efficiency, and Innovation

Fuji Electric's 100+ years of expertise in power electronics, the Finch RTS Series is engineered to redefine reliability and efficiency in industrial power solutions. More than just a UPS, it is a strategic investment for businesses looking to enhance operational continuity, optimize energy consumption, and achieve long-term savings. With a focus on sustainability and cutting-edge technology, the Finch RTS Series empowers industries to operate with greater resilience and efficiency.

In today's evolving industrial environment, seamless power protection is essential for maximizing productivity and minimizing risks. The Finch RTS Series is a state-of-the-art three-phase UPS system designed to deliver superior reliability, flexibility, and performance. Built to withstand harsh industrial conditions, it ensures uninterrupted power with advanced adaptability, setting new standards for energy efficiency and operational excellence.



Key USP's

-  Online double conversion with DSP control technology to meet superior efficiency on full rated power.
-  Compact footprint with Multiple power configurations. Support 3/3 and 3/1 and 1/1 operation
-  Optimization battery group, the quantity of battery: 30~50pcs is settable
-  Designed to meet the highest standards and performance.
-  50/60Hz frequency converter mode
-  Maximum charging current up to 20A (Settable)

Key Features

- ✔ Better efficiency upto 95%
- ✔ LCD support Rack/Tower convertible design
- ✔ Intelligent fan speed regulation
- ✔ ECO mode operation for energy saving
- ✔ Wide input voltage range:208~478Vac
- ✔ Wide input frequency range 40~70Hz
- ✔ ECO mode operation for energy saving
- ✔ Versatile LCD human-computer interface
- ✔ N+X parallel redundancy, support maximum 4 units
- ✔ Generator compatible

Applications

The Finch RTS Series offers adaptability and robustness in diverse critical operations, providing dependable power protection and performance.



Commercials Buildings



Infrastructure



IT&ITES



BFSI & Healthcare

Our Commitment



Sustainability



Productivity



Efficiency



Support



Services

Awards & Recognition



Frost & Sullivan
Best Practices 2022



SD Awards 2022
No. 1 Online UPS Manufacturing
Company in India



Fuji Electric Awarded
Prestigious India Design Mark

Technical Specification
Finch RTS
 11-40kVA

	Series	Finch RTS					
AC input	UPS Rating kVA	11	20	11	20	30	40
	UPS Rating kW	11	20	11	20	30	40
	Number of Phases	1-phase, 2-wire+PE & 3-phase, 4-wire+PE		3-phase, 4-wire+PE			
	Nominal Voltage	220 /230 / 240V(P-N)		380 / 400 / 415V			
	Voltage Range	176-276V(P-N)		305-478V(L-L)			
	Frequency	40-70Hz					
	Power factor	>0.99					
	THDi	<5%*					
Bypass input	Number of phases	1-phase, 2-wire		3-phase, 4-wire			
	Voltage	230 V ±15%		400 V ±15%			
	Frequency	50/60 Hz ±5%					
	Bypass overload capacity	<125%: continue					
AC output	Output power	11kW	20kW	11kW	20kW	30kW	40kW
	Number of phases	1-phase, 2-wire		3-phase, 4-wire+PE			
	Voltage	220 /230 / 240V(P-N)		380 / 400 / 415V			
	Voltage accuracy	<±1%					
	Frequency	50/60 Hz					
	Frequency accuracy	±0.1% (At self-oscillation)					
	Load power factor	Rated 1.0 (0.8 lag to 0.8 lead)					
	Transient voltage regulation	<±5%**					
	Voltage waveform distortion factor	< 2% (Linear load), < 5% (Non-linear load IEC62040-3)					
	Inverter Overload capacity	<100%: continue; 101%-110%: 60min; 111%-125%: 10min; 126%-150%: 1min; >150%: protection immediately.					
Peak-to-RMS ratio	3:1						
Battery	Rated voltage	±240V(±180V - ±300V)		±240V(±180V - ±300V)		±240V(±216V - ±300V)	
	Type	SMF VRLA					
Dimensions & Weight	Width (in mm)	443		443		440	440
	Depth (in mm)	580		580		670	800
	Height (in mm)	131		131		130	175
	Weight (in Kgs)	29	32	29	32	28	48
	Safety	IEC62040-1					
Compliance standards	Electromagnetic compatibility (EMC)	IEC62040-2					
	Performance	IEC62040-3					
	Operating temperature	0 to +40 (at rated voltage, rated load)					
Other	Altitude	Standard 1500 m or less					
	Relative humidity	5 to 95%(Non-Condensing)					
	Audible noise level	<58 dBA					
	Cooling system	Forced air cooling					
	Installation site	Indoor					
	Protection class	IP20					
	Colors	RAL9005					
	Cable entry	Rear Entry					
	Communication interface (option)	Simple Network Management Protocol (SNMP) Modbus RTU, Potential Free Contact					

* Full Load & <1% Input THDv

** Mains mode only

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Website



Service Support