

Finch 31 SERIES 10 to 30 KVA



Special Features

- ◆ True Double Online Conversion
- ◆ DSP technology guarantees high performance
- ◆ Output power factor 0.9
- ◆ Wide input voltage range (110-300 VAC)
- ◆ Active Power factor correction in all phases
- ◆ Built-in phase auto adapt function simplifies wire installation
- ◆ 50 Hz/60 Hz frequency converter mode
- ◆ ECO mode operation for energy saving
- ◆ Programmable power management outlets
- ◆ Emergency Power off function(EPO)
- ◆ Generator Compatible
- ◆ SNMP+USB+RS-232 multiple communications
- ◆ 3-stage extendable charging design for optimized battery performance
- ◆ Adjustable battery numbers
- ◆ Maintenance bypass available
- ◆ Optional N+X parallel redundancy

Quality Power Protection

For the critical power requirements in IT/ITES,
SME, Medical & Small Offices



Intertek

ISO 9001 & ISO 14001
REGISTERED



UPS – 10 to 30 KVA

SPECIFICATIONS

MODEL	Finch 10 KVA	Finch 15 KVA	Finch 20 KVA	Finch 30 KVA
Output Power Capacity	9000 W	13500 W	18000 W	27000 W
Topology	True Online Double Conversion UPS			
INPUT				
Phase	Three Phase			
Voltage	400V/415V AC(3Ph+N)			
Voltage Range	190-520V AC(3Phase)@ 50% Load; 305-478V AC(3Phase)@ 100% Load			
Frequency Range	46 ~ 54 Hz			
Power Factor	≥0.99			
BATTERY				
240 V DC				
Battery Charging	Constant Current & Constant Voltage			
OUTPUT				
Nominal Output Voltage	208/220/230/240V AC ± 1%			
Frequency	50 Hz ± 0.1 Hz			
Frequency Synchronisation	46 ~ 54 Hz			
Voltage THD	≤ 2% THD (Linear Load) ≤ 5% THD (Non-Linear Load)			
Crest Factor	3:1			
Transfer Time	Zero ms			
Waveform	Pure Sinewave			
EFFICIENCY				
AC / AC (Overall Efficiency)	≥ 92%			
Eco Mode	97 %			
OVERLOAD CAPACITY				
105 % - 110 %	10 min			
110 % - 130 %	1 min			
COMMUNICATION				
RS232	Available			
USB Com Port	Available			
Intelligent Slot	SNMP / MODBUS - Optional			
ENVIRONMENT				
Operating Temperature	0 ~ 40°C Continuous			
Humidity	0-95% RH@ 0-40°C (Non - condensing)			
Noise Level @ 1 Meter	Less than 58 dBA	Less than 60 dBA	Less than 65 dBA	Less than 65 dBA
DISPLAY				
LCD	Load Level, Battery Level, AC Mode, Battery mode, Bypass mode and Fault indicators			
ALARM				
Battery Mode	Sounding for every 4 seconds			
Low Battery	Sounding every second			
Over Load	Sounding twice every second			
Fault	Continuously sounding			
STANDARDS				
Ingress Protection	IP 20			
Safety	EN 62040 - 1			
EMI / EMC	EN 62040 - 2			
Performance	IEC 62040 - 3			
Certification	Compliance - CE/ROHS			
Dimension D x W x H (mm)	592 x 250 x 576	592 x 250 x 576	592 x 250 x 576	815 x 250 x 826
Net Weight (Kgs)	28	40	40	64

* The information contained in this publication is subject to change without prior notice.