

Finch 33 SERIES 10 to 30 KVA



Special Features

- ◆ True Double Online Conversion
- ◆ DSP technology guarantees high performance
- ◆ Output power factor 0.9
- ◆ Active Power factor correction in all phases
- ◆ 50 Hz/60 Hz frequency converter mode
- ◆ ECO mode operation for energy saving (ECO)
- ◆ Accepts dual-mains inputs (only for 10K/15K/20K models)
- ◆ 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	400V / 415V AC (3 Ph + N)			
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	96 %			
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 60 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 826	592 x 250 x 826	592 x 250 x 826	815 x 250 x 826
Net Weight (Kgs)	38	40	40	64

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

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