

## Finch 11 SERIES 1 to 10 KVA



### Special Features

- ◆ True Double Online Conversion
- ◆ Microprocessor control optimizes reliability
- ◆ Input Power Factor Correction
- ◆ Output Power Factor 0.8
- ◆ Wide Input Voltage (110 V- 300 V)
- ◆ Converter Mode Available
- ◆ ECO mode for energy saving (only available for 1-3 KVA )
- ◆ Generator Compatible
- ◆ Adjustable Battery Number only available for 6 KVA and up models
- ◆ Smart SNMP works well with either USB or RS 232 together
- ◆ Comprehensive display allows easy monitoring and access of UPS status
- ◆ Optional isolation transformer available

## Quality Power Protection

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



**Intertek**

ISO 9001 & ISO 14001  
REGISTERED



## UPS – 1 to 10 KVA

SPECIFICATIONS	MODEL	Finch 1KVA	Finch 2KVA	Finch 3KVA	Finch 6KVA	Finch 10KVA	
	Output Power Capacity	800W	1600W	2400W	4800W	8000W	
	Topology	True Online Double Conversion UPS					
	INPUT						
	Phase	Single Phase					
	Voltage	230VAC					
	Voltage Range	160-280VAC			176-300VAC		
		110-300VAC @ 50% Load					
	Power Factor	≥ 0.99					
	BATTERY	36 V	72 V / 96 V		192 - 240 V		
Battery Charging	Constant Current & Constant Voltage						
OUTPUT							
Nominal Output Voltage	200/208/220/230/240V AC ± 1%			208/220/230/240V AC ± 1%			
Frequency	50Hz ± 0.1Hz						
Frequency Synchronisation	47 - 53Hz						
Voltage THD	≤ 3% THD (Linear Load)		≤ 3% THD (Linear Load)		≤ 3% THD (Linear Load)		
	≤ 6% THD (Non-Linear Load)		≤ 5% THD (Non-Linear Load)		≤ 5% THD (Non-Linear Load)		
Crest Factor	3:1						
EFFICIENCY							
AC / AC (Overall Efficiency)	≥ 90%			≥ 92%			
OVERLOAD CAPACITY							
105 % - 110 %	10 min			30min			
110 % - 130 %	1 min			5 min			
COMMUNICATION							
RS232	Available						
USB Com Port	Available						
Intelligent Slot	SNMP / MODBUS - Optional						
ENVIRONMENT							
Operating Temperature	0 ~ 40°C Continuous						
Humidity	20 - 90% RH @ 0-40° C (Non - condensing)			0-95% RH@ 0-40°C (Non - condensing)			
Noise Level @ 1 Meter	Less than 50 dBA			less than 55 dBA	less than 58 dBA		
ELECTRICAL							
Input Terminal	15A Socket	16A Socket		Terminal			
Output Terminal	3 x Indian Type	4 x Indian Type	4 x Indian Type	Terminal			
	5 Amps	5 Amps	5 Amps + TB				
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)	282 x 145 x 220	397 x 145 x 220		369 x 190 x 318	442 x 190 x 318		
Net Weight (Kgs)	4.1	6.8	7.4	12	16		

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