

### TECHNICAL SPECIFICATION OF SPARK ONLINE UPS

Model	SPARK LCD 1KVA	SPARK LCD 2KVA	SPARK LCD 3KVA	SPARK LCD 6KVA	SPARK LCD 10KVA
Capacity	1KVA/1000VA	2KVA/2000VA	3KVA/3000VA	6KVA/6000VA	10KVA/10000VA
Type	High Frequency, Transformerless				
<b>Input</b>					
Voltage Range	110V-300VAC (Single Phase With Ground)			176V-276VAC	
Frequency Range	45.5Hz - 54.5Hz				
Power Factor	>0.95				
<b>Output</b>					
Voltage Range	208/220/230/240 ±2% (Selectable)				
Frequency Range	46-54Hz				
Distortion	<3%(Linear Load); <5%(Non-linear Load)				
Waveform	Pure Sine Wave				
Efficiency	>90/94%				
Overload Capability	110%-150%: Switch to Bypass after 1 Min:			110%-150%: 10Min	
	>150%: Shut Down after 200ms			>150%: 1Min:	
Form Factor	Tower				
Short Circuit	UPS output turn off and alarm				
<b>Battery</b>					
Model	12V sealed lead acid maintenance free				
Voltage	24/36VDC	72/96VDC	192/216/240VDC		
Recharge Time	90% capacity after 8hours charging				
Charge Current	Standard Model:1A; Long time Model: 7.5A			Standard Model:1A; Long time Model: 5A	
Backup Time	From 15min to 120 min				
<b>Others</b>					
Communication Interface	RS232: SNMP (Optional)				
LCD Display	Utility, Inverter, Bypass, Battery, Load, Battery Mode, Frequency, UPS Fault Indicator				
Audible Alarm- Battery Discharge	Utility, Failure, Beep/4s: Battery Low, Beep/1s				
UPS Abnormal	Continuous Beep and Red LED on				
Noise Level	<55dB				
Ambient Temperature	0°C-40°C				
Transfer Time	0 (zero) Millisecond				
Dimension(mm)	145Wx215Hx415D	190Wx330Hx470D	260Wx730Hx560D		
Net Weight(kg)	6.5KG(H),12.3KG(S)	13.2KG(H),28KG(S)	40.5KG(H), 86.3KG(S)		
Packing Dimension	236Wx316Hx492D	337Wx482Hx602D	355Wx815Hx650D(H)		
Gross weight(kg)	7.6KG(H),13.3KG(S)	14.5KG(H),29.3KG(S)	42.8KG(H), 93.6KG(S)		

Note: Due to continues improvements of Products, Technical Specifications may changed without prior notice

## Rahimafrooz Distribution Limited

Globe Chamber, 104 Motijheel C/A

DHaka-1000

Phone: +880 2 9565238

Email: rdl@rahimafrooz.com

