



FORM B: CAPITAL APPLICATION

PROJECT	Uninterrupted Power Supply (UPS)	
PROJECT	ICT Team	CONS. ASS.
DATE:	14 th October 2025	CA NO.: <u>125-20</u>

A PROJECT DESCRIPTION
<p>UNINTERRUPTED POWER SUPPLY (UPS):</p> <p>APC UPS 20KVA Model Number: E3SUPS20KHB2</p> <p>Main Input Voltage: 400V</p> <p>Main Output Voltage: 400V</p>

B MOTIVATION
<p>The existing Uninterruptible Power Supply (UPS) at the Nyakabingo Server Room is no longer sufficient to meet current operational demands. The 3 KVA single-phase UPS lacks the capacity to reliably support the expanding range of equipment, which now includes 5 servers, a firewall, multiple switches, two access points, the boardroom television, and several essential power outlets. This limitation poses a risk to system stability and continuity, especially during power interruptions.</p>

C	SELECTED COSTING OPTION
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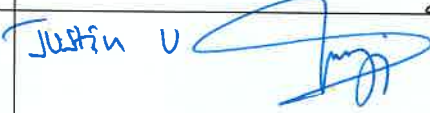

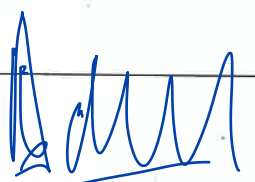
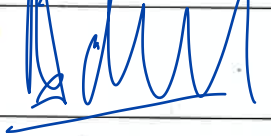
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C	SELECTED COSTING OPTION			
EQUIPMENT LIST	QUANTITY	UNIT	UNIT PRICE(Rwf)	PRICE (Rwf)
APC UPS 20KVA Model Number: E3SUPS20KHB2 Main Input Voltage: 400V Main Output Voltage: 400V Including Installation Cost	1	Piece	Rwf 14,406,780	Rwf 14,406,780
Sub Total	1		Rwf 14,406,780	Rwf 14,406,780
Vat			Rwf 2,593,220	Rwf 2,593,220
Grand Total			Rwf 17 000 000	Rwf 17 000 000

D RISK ASSESSMENT	
<p>This highlights the critical vulnerabilities faced by the server room in the absence of a reliable Uninterruptible Power Supply (UPS), which poses a significant threat to data integrity, operational continuity, and hardware safety.</p>	
Mitigation Strategy	Expected Benefit
Install a UPS with adequate capacity	Ensures continuous power during outages
Use UPS with surge protection & battery monitoring	Protects equipment from voltage spikes and prevents unexpected battery failure
Significant system downtime in the server room that affects Sage, 4flow and wireless connectivity across all three mine sites	Improved system reliability through upgraded infrastructure and reduced downtime
Potential hardware damage and data integrity risks to our servers	Reduced risk of data loss and hardware damage by implementing better environmental controls and modern equipment

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E	PROJECT SCHEDULE
<p>The Nyakabingo Server Room is a mission-critical facility, hosting essential systems such as Sage, 4 Flow, and the Trinity domain, which provides wireless connectivity across all three mine sites. Due to the importance of these systems to daily operations, the current UPS must be replaced within the next two months to ensure uninterrupted service and infrastructure reliability.</p>	

F	COMMENTS	
HOD	Olivier Nemeve	15/10/2025 
GENERAL MANAGER/GM		
GROUP FINANCE CONTROLLER	This is not on the budget 23/10/2025	there was budget of 7.5k 
GROUP LEGAL COUNSEL & COMPLIANCE OFFICER	N/A	
GROUP SUPPLY CHAIN MANAGER	Jeome Sande	23/10/2025
COO		
CFO	 27/10/2025	

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G APPROVAL	
CEO	
BOARD	

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Easy UPS 3S 20kVA 400V 3:3 UPS, 3 internal 7Ah modular battery strings

E3SUPS20K-B2

Overview

Presentation	Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 20 kVA, 400V 3-phase UPS. With advanced product features, competitive specifications, and robust electrical design, the Easy UPS 3S UPS makes business continuity easy for small and medium data centers and electrical rooms. Includes dust filter and performance-boosted boards for harsh environments, and 3 internal 7Ah modular battery strings.
Lead time	Usually Ships within 6 Weeks

Main

Main Input Voltage	400 V 3 phases
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	380 V 415 V
Output voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated power in W	20 kW
Rated power in VA	20 kVA
Provided equipment	Dust filter Installation guide
Range of product	Easy UPS 3S

Batteries & Runtime

Efficiency	View Efficiency Graph
Battery type	VRLA
Battery voltage	240 V
Maximum short-circuit current	10 mA
Number of battery filled slots	3
Number of battery free slots	0

Physical

Colour	White (RAL 9003)
Height	540 cm
Width	38 cm
Depth	92.5 cm
Net weight	445 kg

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Oct 12, 2023

ESN000 | Schneider

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Input

Maximum input current	37 A
Input harmonic distortion	Less than 3 % for full load
Load power factor	0.9 leading to 0.9 lagging
Input Power Factor at Full Load	0.99
Input voltage limits	304...477 V
Network frequency	45...65 Hz

Output

Maximum configurable power in VA	20 kVA
Maximum configurable power in W	20 kW
Output frequency	50 Hz sync to mains 60 Hz aync to mains
Harmonic distortion	Less than 3 %
Output harmonic distortion	< 3% linear load
Output voltage tolerance	+/- 1.5 %
UPS type	Double conversion online
Additional information	UPS weight does not include battery weight.

Conformance

Product certifications	CE EAC RCM
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3333 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...15240 m
Acoustic level	60 dBA
Heat dissipation	900 W
IP degree of protection	IP20

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DREAMS COMPUTER LTD

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1000 11200887 Rwf (BK A/C)

00027-01390203078-86 (COGEBANK)

10021 00107512001Rwf (Acces Bank A/C)

01028880006 (BANK OF AFRICA)

211/ 248173/ 1/ 5100/ 0 Rwf (Gt Bank A/C)

Phone: 0784328135 / 0782527951

Rwanda, Kigali - City, KN 86 ST/ KN 82 ST

in Tr opical Plaza (The building

located above CHIC Parking)

Tin: 103698155



PROFORMA INVOICE NO: 22697041

Date: 23/10/2025

CLIENT: TRINITY NYAKABINGO MINES LTD

NO	Description	QTY	U. Price(RWF)	Total Price(RWF)
1	APC UPS 20KVA Model Number: E3SUPS20KHB2 Main Input Voltage: 400V Main Output Voltage: 400V Including Installation Cost	1	17 000 000	17 000 000
	AMOUNT WITHOUT VAT			14 406 780
	VAT 18%			2 593 220
			TOTAL	17 000 000

SIGNATURE & STAMP



- No warranty for power against problem
- No warranty for batteries