

महाराष्ट्र शासन

क्र.प्रशामा-२०२३/प्र.क्र.१२०(ई-६८४६१२)/मशि-३

उच्च व तंत्र शिक्षण विभाग,

मादाम कामा मार्ग, हुतात्मा राजगुरु चौक,

मंत्रालय विस्तार, मुंबई-४०० ०३२.

दिनांक : ०३ नोव्हेंबर, २०२३.

विषय :- शासकीय विज्ञान महाविद्यालयाचा विकास (अनिवार्य) (२२०२ ०८०७)
१३-कार्यालयीन खर्च या उद्दिष्टाखाली करण्यात येणाऱ्या खरेदीच्या प्रस्तावास
प्रशासकीय मान्यता मिळण्याबाबत. - शासकीय विज्ञान संस्था, नागपूर.

ज्ञापन :

संचालक, शासकीय विज्ञान संस्था, नागपूर यांना त्याचे पत्र क्रमांक अर्थसं-२०२३/(१००/२३)/प्र.मा./
लेखा-२, दिनांक ०९/१०/२०२३ च्या पत्रास अनुसरून कळविण्यात येते की, शासकीय विज्ञान संस्था, नागपूर या
संस्थेकरीता खालील तक्त्यात नमूद उपकरणे GeM पोर्टलवरून खरेदीसाठी येणाऱ्या रु.६,२९,७३४/- (रुपये
सहा लक्ष एकोणतीस हजार सातशे चौतीस फक्त) इतक्या खर्चास सन २०२३-२४ मधील उपलब्ध तरतुदीमधून
अदा करण्यास मान्यता देण्यात येत आहे.

Sr.No.	Name of Equipment	Quantity	Rate in Rs.	Total Amount Rs.
1.	Sanitary Napkin Vending Machin	02	5,000	10,000
2.	Sanitary Napkin Incinerator	01	10,000	10,000
3.	24 Port Net Work Managed Switch	05	21,946.77	1,09,734
4.	Online UPS	01	5,00,000	5,00,000
			Total	6,29,734/-

२. या बाबींवर येणारा मागणी क्र.'डब्ल्यू-२, २२०२ सर्वसाधारण शिक्षण ०३ विद्यापिठीय व उच्च शिक्षण
१०३ शासकीय महाविद्यालये व संस्था (०२) (०२) शासकीय विज्ञान महाविद्यालयांचा विकास (अनिवार्य)
(२२०२ ०८०७) १३-कार्यालयीन खर्च' या लेखाशिर्षाखाली सन २०२३-२४ या आर्थिक वर्षात मंजूर तदनुदीतून
भागविण्यात यावा.

३. हे आदेश शासन निर्णय, वित्त विभाग, क्र.विअप्र-२०१३/प्र.क्र.३०/२०१३/विनियम,भाग-२,
दि.१७.०४.२०१५ चे वित्तीय अधिकार नियम पुस्तिका १९७८ मधील भाग पहिला उपविभाग दोन अनुक्रमांक
२६-अ मधील नियम क्र.७६ अन्वये प्रशासकीय विभागास प्रदान करण्यात आलेल्या वित्तीय अधिकारास
अनुसरून निर्गमित करण्यात येत असून तसेच शासन परिपत्रक, वित्त विभाग, क्र.अर्थसं-२०२३/प्र.क्र.४०/अर्थ-३,
दिनांक १२/०४/२०२३ मधील अटीच्या पूर्तता होत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नांवाने,

(हे. पं. बाविस्कर)

कार्यासन अधिकारी, महाराष्ट्र शासन

प्रति,

१. संचालक, उच्च शिक्षण, महाराष्ट्र राज्य, पुणे.



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Date: 07.08.2023

प्रति,
मा. संचालक
उच्च शिक्षण
महाराष्ट्र राज्य
पुणे

विषय:- राज्य योजना Scheme: 22020807-Detail Head: 13-OFFICE EXPENSES अंतर्गत खरेदी बाबत

महोदय,

उपरोक्त विषयानुसार राज्य योजना 2023-24 22020807-Detail Head: 13-OFFICE EXPENSES करिता विज्ञान संस्था नागपुरला रु. 630000 /- मंजूर करण्यात आले आहे. सदर अनुदानातून खालील सामुग्री खरेदी करण्याचे प्रस्तावित आहे.

अ क्र	यंत्रासमुग्री चे विवरण	किंमत	नग	एकूण किंमत	खरेदी प्रक्रिया
1	Sanitary napkin vending machine	5000	2	10000	GEM
2	Sanitary napkin incinerator	10000	1	10000	GEM
3	24 Port Network Managed Switch	21946.77	05	109734	GEM द्वारा
4	Online UPS	500000	01	500000	GEM
एकूण रक्कम				629734	

करिता सदर खरेदी प्रस्तावास प्रशासकीय मान्यता प्रदान करण्यात यावी हि नम्र विनंती.

आपली विश्वासू

(डॉ. जयराम खोब्रागडे)

संचालक

विज्ञान संस्था

नागपुर



Sanitary Napkins Vendi

HomeService Industry Machinery and Equipment and SuppliesVending MachinesPiece and Part Vending Machines

Sanitary Napkins Vending Machines (Q3 Category)



Sanitary Napkin Vending Machine(Push Button) Operated SCITRON^R (IEE/VEND/FV25-50/0016)

₹ 5,000.00 50% OFF

Trends

Product Details

Price For :	1 pieces
MRP/Unit:	₹ 10,000.00
Offer Price/Unit:	₹ 5,000.00
Availability:	75 In Stock
Min. Qty. Per Consignee:	75
Product id:	5116877-78489706592
Country Of Origin:	India
Local Content (MII):	Not Declared



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Product Comparison

Product History 1

Seller Details

Sold by:	Resellers
Reseller not verified by OEM	
Catalogue not verified by OEM	
Seller Excellence	4.5 - 5.0
Seller Details	VIEW ALL SELLERS

Specifications


Type of machine	Manual
Operating features	Free vending
Multiple coins accepted	No
Number of selection options	1
Accessibility for free vending utility service	NA
Type of loading	Spiral
Maximum Storage Capacity (Nos) (Nos)	25-50
Material of the outer body	Mild Steel(MS)

Built-in charger	No
Mode of function	Stand alone
Operating Power source	NA
Battery Backup time (hrs)	NA
Thickness of SS/MS sheet (mm)	1.0
Thickness of FRP/Plastic sheet (mm)	NA

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GENERAL

Type of machine	Manual
Type of fitting	Wall Mountable
Color	Others
Napkin Size for loading	Regular
Napkin Fold	Two fold
Operating features	Free vending
Multiple coins accepted	No
Number of Napkins/pads provided/loaded with the vending machine	0
Multiselection of Napkin type	Yes
Number of selection options	1
Vending option	Horizontal
Accessibility for free vending utility service	NA
Type of loading	Spiral
Vending Napkin individually packed	Yes
LED illumination provided for visibility of Napkins in the machine	Yes
Visibility window	Yes
Pre-programmable facility available	No


Ask GeMmy Capacity (Nos)(Nos) 25-50
 Product Comparison Product History 1

Digital counter for accounting	No
"No stock" message display available	No
Built-in program for automatic coin return/reject system when there is no stock or no power	No
Built-in program for automatic currency block/reject system when there is no stock or no power	No
Built-in price programming software for changing the price	No
Sales data retrieval	Yes
Any additional built-in features available	NA

FUNCTIONAL FEATURES

Material of the outer body	Mild Steel(MS)
Type of battery	Sealed Maintenance Free Lead Acid
Built-in charger	No
All MS parts are duly painted by	Powder coating
Mode of function	Stand alone
Operating Power source	NA
Input Power supply	NA
Battery Backup available	No
Battery Backup time (hrs)	NA



Ask GeMmy 1(Watt)

NA

Product Comparison

Product History 1

DIMENSIONS

Width (mm)	100-200
Depth (mm)	50-100
Height (mm)	200-500
Weight (kg)	10-20
Thickness of SS/MS sheet (mm)	1.0
Thickness of FRP/Plastic sheet (mm)	NA

PACKING

Type of Packing	Cartoon Box
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CERTIFICATIONS

Submission of Test Report on form 39 or form Central Govt/NABL/ILAC accredited Lab or Manufacture's inhouse Test Report to prove the conformity to declared specification at the time of supply	Yes
Certification Available	Other
Certification for Manufacturing Premises	ISO
Submission of all the certifications to the buyer along with supplies	Yes

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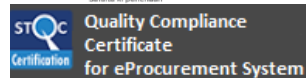
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Product History 1



Sanitary Napkins Incine

HomeCleaning Equipment and SuppliesWater and wastewater treatment supply and disposalwater treatment and supply equipment

Sanitary Napkins Incinetator Machine With Smoke Control Unit (Q3 Category)



Nakshatra Technology Sanitary Napkins Incinetator Machine with Smoke Control Unit
Nakshatra Technology^R
(NT-ROH-01)

₹ 10,000.00 17% OFF

Trends

Product Details

Price For :	1 pieces
MRP/Unit:	₹ 12,000.00
Offer Price/Unit:	₹ 10,000.00
Availability:	9 In Stock
Min. Qty. Per Consignee:	1
Product id:	5116877-98825248678
Country Of Origin:	India
Local Content (MII):	100%



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Product Comparison

Product History 2

Seller Details

Sold by:	Resellers
OEM verified catalogue	
Seller Excellence	4.0 - 4.49
Seller Details	VIEW SELLER DETAILS

Specifications

Stand provided	No
Thickness of thermal Insulation material (mm)	25 millimeter
Thickness of MS/SS sheet of burning chamber (internal) (mm) (Min)	1 millimeter
Machine Weight(kg)	5-15
Thickness of door including insulation (mm)	20 millimeter
Flexible emission Outlet pipe dia (mm)	25 millimeter
Material of Housing cabinet (External)	Mild Steel(CRCA) sheet
Material of Burning chamber (Internal)	Mild Steel(CRCA) sheet
Material of Thermal Insulation	High Density Ceramic Fiber sheet
Temperature indicator provided	Yes
Maximum operating temperature	800



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Product Comparison

Product History 2

Burning Capacity per day (Number of Napkins)	15-50
Burning Capacity at a time (Number of Napkins)	1-15
Burning time of full capacity Napkins/pads (minutes) (Max)	5 minute
Automatic digital controller for time	Yes
Automatic digital controller for temperature	Yes
Type of SCU (Smoke Control Unit)	Top mounted
Material of housing of Smoke Control Unit (SCU)	Mild Steel(CRCA) cabinet
Both carbon Control and Foul odour Control Chambers for filtration of smoke emission	Yes
Number of filters in Carbon control chamber	One
Type of filters in Carbon control chamber	Teflon filter
Number of filters in Odour control chamber	One
Blower RPM	1800
Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	1

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[Product History](#) 2

Special Terms & Conditions

1. Comprehensive warranty:

Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares,. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables .Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.

2. Service centres:

Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with telephone numbers, e mails etc at time of making the supplies .It shall be the responsibility of the buyer to ensure that service centres are available to cater to the areas where supplies are made within



Ask GeMmy

Product Comparison | Product History

reasonable distance from where the service calls can be handled. Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.

3. Source of supply:

It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.

4. Packing and Marking:

Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date , brief description of goods including quantity ,. Packing list reference number , country of origin of goods and any other relevant details.

5. Spare Parts:

Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM . It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies .In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.

OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied

6. Installation, Training, Manuals:

Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations , training and manuals the same shall also be applicable.

7. Electrical safety checking:

Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee .They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.

8. Software:

All software updates should be provided free of cost during warranty period.



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Product Comparison

Product History 2

GENERAL

Type	Wall Mountable
Purpose	Burn used Sanitary Napkins to sterile ash and stop automatically
Color	Elephant grey
Operation Mode	Electronically operated, fully Automatic
Loading Type	Front loading
Stand provided	No
Number of chambers	Two
Trap Door available	Yes
All MS parts Powder coated	Yes
Spare parts should be available for Minimum 5 years from date of supply	Yes
All electrical parts are ISI Marked	Yes

**Ask GeMmy**

Product Comparison

Product History 2

DIMENSIONS OF MAIN UNIT

Thickness of thermal Insulation material (mm)	25 millimeter
Thickness of MS/SS sheet of housing cabinet (external) (mm)	1.2 millimeter
Thickness of MS/SS sheet of burning chamber (internal) (mm) (Min)	1 millimeter
Machine Width(mm)	200-300
Machine Depth (mm)	100-200
Machine Hight(mm)	200-500
Machine Weight(kg)	5-15
Door width(mm)	101-150
Door height(mm)	50-100
Thickness of door including insulation (mm)	20 millimeter
Internal/burning chamber shape	Rectangular cubical
Flexible emission Outlet pipe dia (mm)	25 millimeter
Detachable ash tray length (mm)	100-150
Detachable ash tray width (mm)	100-150
Detachable ash tray height (mm)	5-15
Stand Height (mm)	0 millimeter
Stand Width (mm)	NA for wall mountable



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NA for wall mountable

Product Compare

Product History 2

MATERIAL OF MACHINE UNIT

Material of Housing cabinet (External)	Mild Steel(CRCA) sheet
Material of Burning chamber (Internal)	Mild Steel(CRCA) sheet
Finish of MS parts of cabinet	Epoxy anti rust proof painting for superior finish
Material of Thermal Insulation	High Density Ceramic Fiber sheet

CONSTRUCTIONAL FEATURES

Thermal insulation of burning chamber housed in outer chamber	Yes
Burning Chamber tray provided	Yes
Emission Outlet pipe location	Top of machine
Means of connecting the unit outlet with flue gas emission pipe	Flanged
Type of door lock provided	Magnetic lock

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Product Comparison

Product History 2

CONTROL & FUNCTIONAL FEATURES

Temperature indicator provided	Yes
Timer provided	Yes
Auto cut-off temperature display	Yes
Digital display to see actual and set temperature	No
Minimum Burning temperature (degree C)	800
Burning Capacity per day (Number of Napkins)	15-50
Burning Capacity at a time (Number of Napkins)	1-15
Residue Ash per Napkin (gms)	1 gram
Burning time of full capacity Napkins/pads (minutes) (Max)	5 minute
Skin temperature of the unit under operation (deg C)	0-15
Installation, training, demonstration and plumbing included	Yes



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Product Comparison

Product History 2

ELECTRICAL AND SAFETY FEATURES

Automatic digital controller for time	Yes
Automatic digital controller for temperature	Yes
Equipment ON/OFF indicator provided	Yes
Power supply	230v +/-10%, 50Hz, Single phase, AC supply
Electrical Power Consumption(Watt)	500-1000
Minimum length of power chord to be supplied along with machine (mtr)	2 meter
Type of Heater	Ceramic heater containing coil
Power saver (auto power cut-off)	Yes
Safety MCB provided (16A to 30A)	Yes
Protection against electric shock when checked as per IS:302-1/2008	Yes
Minimum Insulation Resistance (IR) at 500 VDC (Mega Ohm)	2
Maximum Electrical Insulation and Leakage current as per IS:302-1/2008, (mA)	0.21
Maximum Earthing continuity test when tested as per IS:302-1/2008 (Ohm)	0.1
HV test at 1000 V rms for 1 Sec when tested as per IS:302-1/2008	No breakdown shall occur during the test



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Product Comparison

Product History 2

SMOKE CONTROL UNIT (SCU)

Type of SCU (Smoke Control Unit)	Top mounted
Material of housing of Smoke Control Unit (SCU)	Mild Steel(CRCA) cabinet
Finish of MS parts of SCU cabinet	Epoxy anti rust proof painting for superior finish
Overall height of SCU (mm)	0
Overall width of SCU (mm)	NA
Overall depth of SCU (mm)	NA
Number of chambers for filtration of smoke emission	Not required
Both carbon Control and Foul odour Control Chambers for filtration of smoke emission	Yes
Number of filters in Carbon control chamber	One
Type of filters in Carbon control chamber	Teflon filter
Number of filters in Odour control chamber	One
Type of filters in Odour control chamber	Not Required
Blower type	NA
Blower RPM	1800
Power supply of SCU	NA
Minimum length of flexible emission outlet pipe to be supplied along with machine (mtr)	3
Cost of additional flexible emission outlet pipe, if required on actuals to be paid by the user	Yes

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Product Comparison

Product History 2

EMISSION STANDARD FOR SMOKE

Conformity to CPCB, Min of Environment & Forests standard, Solid Waste Management Rules (SWM), 2016	Yes
Particulates (Half hourly average) (mg/Nm ³) (Max)	50
HCl (Half hourly average) (mg/Nm ³) (Max)	50
SO ₂ (Half hourly average) (mg/Nm ³) (max)	200
CO (Half hourly average) (mg/Nm ³) (Max)	100
CO (Daily average) (mg/Nm ³) (Max)	50
Total Organic Carbon (Half hourly average) (mg/Nm ³) (Max)	20
HF (Half hourly average) (mg/Nm ³) (Max)	4
"Nox (NO and NO ₂ expressed as NO ₂) (Half hourly average) (mg/Nm ³) (Max)"	400
Total dioxins and furans (6 to 8 hours sampling basis, Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence) (ng TEQ/Nm ³) (Max)	0.1
Cd + Th + their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm ³) (Max)	0.05
Hg and its compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm ³) (Max)	0.05
Sb+As+Pb+Cr+Co+Cu+Mn+Ni+V+their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm ³) (Max)	0.5
Loss on ignition (max) (% dry weight of the material)	5



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Product Comparison

Product History 2

PACKING

Packing	Carton Box
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MARKING AND INSTRUCTIONS

The appliance is marked as per IS:302-1/2008	Yes
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CERTIFICATION

Submission of Test Report from Central Govt/CSIR Lab/NABL/ILAC accredited Lab specifically containing Electrical & Electronic parameters, Thermal insulation material of burning chamber in addition to declared specification parameter at time of supply	Yes
Submission Test Report for equipment for compliance of Flue gas emission and ash upon combustion of Sanitary Napkins/Pads to Central Pollution Control Board (CPCB) norms from NABL accredited lab/CSIR Lab at the time of supply	Yes
Certification Available	EU-CE, Other
Certificate for Manufacturing premises available	ISO
Compliance certificate is to be furnished after conducting comprehensive performance test by the supplier	Yes
Submission of all the certifications to the buyer along with supplies	Yes

PERFORMANCE REQUIREMENTS

Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	1
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Product History 2

NOTIFICATIONS

HomeInformation Technology Broadcasting and Telecommunications

Data Voice or Multimedia Network Equipment or Platforms and Accessoriesnetwork service equipment

Layer 2 Access Switch (V2) (Q2 Category)

D-Link 24 Ports Managed Non PoE Layer 2 Access Switch

D-Link^R
(L2 SWITCH DGS-1250-28X
aRNBD3YEARS)



₹ 21,946.77 54% OFF

Trends Purchase History

Product Details

Price For :	1 pieces
MRP/Unit:	₹ 47,500.00
Offer Price/Unit:	₹ 21,946.77



Availability:	94 In Stock
Min. Qty. Per Consignee:	1
EDIT CONSIGNEE	
Product id:	5116877-51771619412
Country Of Origin:	Taiwan

Seller Details

Sold by:	Resellers
OEM verified Reseller	
OEM verified catalogue	
Seller Excellence	4.0 - 4.49
Seller Details	VIEW ALL SELLERS

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PRODUCT

Specifications

Type of Switch	Managed
Technology	Non PoE
Number of 1G Copper Ports	24
Multi-Gigabit Support	Yes
Redundant Power supply (from day one)	Not Available
On Site OEM Warranty	3 Year



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Product Comparison

Product History 2

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Specification



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Type of Switch	Managed
Technology	Non PoE
Number of 1G Copper Ports	24
Number of 10G Copper Ports	0
Number of 1 G SFP Port (Uplink)	0
Number of 10 G SFP+ Port (Uplink)	4
Multi-Gigabit Support	Yes
Redundant Power supply (from day one)	Not Available
Console Port	Available
Switching Capacity-Non Blocking (Gbps)	128
Throughput (MPPS)	95.24
Operating System	Available
Dedicated Stacking Port/Slot (from day one)	Not Available
Stacking Bandwidth (Gbps)	0
Basic Layer-3 Protocol	4 IP interface, 124 IPv4 static route entries • 50 IPv6 static route entries , ND IPV6
Security Feature	PORT SECURITY , ARP Spoofing Prevention ,Traffic segmentation • SSH v2 • TLS v.1.2 • DoS attack prevention • 802.1X
Management Protocol	WEB GUI , ICMP v6 • IPv4/v6 Dual Stack • DHCP Auto Configuration , SNMP V1/V2c/V3, CLI



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[Product History](#) 2

QoS	8 queues per port • Queue Handling • Strict • Weighted Round Robin (WRR) • Bandwidth Control , QUALITY OF SERVICE 802.1P
Operating Temperature Range (Degree C)	-5 - 50°C
Operating Humidity (RH)(%)	0% - 95% RH
IPv6 Ready from day one and dully certified	Yes
PoE Power Budget (Watt)	0
On Site OEM Warranty	3 Year

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Product History 2



Online UPS (V2)

Shopping Cart



NOTIFICATIONS

HomeElectronicsElectrical equipment and components and suppliespower conditioning equipmentOnline UPS (V2) (Q2 Category)

MGPOWER Online UPS of Rating 10.0 KVA With Battery Of Backup Time 120 Minutes

MGPOWER^R
(MG 10000 ONL)

₹ 500,000.00 33% OFF

Trends

Purchase History



Product Details

Price For :	1 pieces
MRP/Unit:	₹ 750,000.00
Offer Price/Unit:	₹ 500,000.00
Availability:	2 In Stock
Min. Qty. Per Consignee:	1
EDIT CONSIGNEE	



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Product Comparison

Product History

4

Product id:	5116877-46236489702
Country Of Origin:	India
Local Content (MII):	100%

Seller Details

Sold by:	OEM
OEM verified catalogue	
Seller Excellence	4.0 - 4.49
Seller Details	VIEW SELLER DETAILS

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Specifications

Rating in KVA	10.0 KVA
Switching Technology	IGBT-PWM
Input Voltage	AC Single phas 160V - 260V 50
Output Voltage	AC Single phas 230V +/-1% 50
Warranty for UPS (Years)	2
Battery/Backup Bank Provided with Online UPS (Hint: In case the UPS is supplied with battery, seller shall ensure compliance to the GST Rates as per recommendations	With Battery



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[Product History](#) 4

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Special Terms & Conditions

In addition to General Terms and Conditions of GeM, the following Special T&C shall be applicable for Online UPS (Version 2.0) with reference to Installation and Commissioning.

Seller's Responsibility: Installation and Commissioning shall involve all the interconnections, any cabling between power source, switch boards within 3 metre range for input power and connecting Output power in the Scope of seller.

Buyer's Responsibility: Buyer will ensure well ventilated/covered site/room having requisite power points/distribution board to provide input power to UPS as well as to take out power from UPS within 3 metre of the location of UPS placement.

The above is not applicable for the stores supplied without installation and commissioning.

Note: The above is indicative and any incidental requirement related to above responsibilities shall also be considered in the responsibilities of Buyer/Seller as applicable.

Generic

Rating in KVA	10.0 KVA
Switching Technology	IGBT-PWM
Input Voltage	AC Single phase 160V - 260V 50Hz
Output Voltage	AC Single phase 230V +/-1% 50 Hz
Warranty for UPS (Years)	2

Battery/Backup Bank



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Product Comparison

Product History 4

Battery/Backup Bank Provided with Online UPS (Hint: In case the UPS is supplied with battery, seller shall ensure compliance to the GST Rates as per recommendations made in the 45th Meeting of GST council dated 17th Sep 2021)

With Battery

Type of Battery (hint: NA in case Battery not provided)

SMF-VRLA conforming to JISC:8702(Pt.I,II&III), Stationary Lead Acid Batteries (with tubular positive plates) in monobloc container conforming to IS:13369:1992 latest

Backup time (Minutes) (hint: NA in case battery not provided)

120 Minutes

Battery Make

OKAYA/EXIDE/LEOCH

Battery Model Number

NA

Battery capacity (Ah)

150

Weight of the Battery (kg)

45

Number of Batteries

16

Minimum Guaranteed VAH

1600 X Per KVA X Per hour of backup time

Warranty for battery (Years) by Battery Manufacaturer/Brand hint: NA in case battery not provided

2

Accessories with Battery

NA

Installation and Commissioning or Service



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Product History 4

Installation and Commissioning (Covered in the Scope of Supply)	Provided
After sales service (Turn Around Time)	Within 7 days
Preventive Maintenance (Hint: Mention Timeline if provided, NA if not provided)	Yearly
Other Services provided	PAN India service support on 24 x 7 basis

Performance / Functional

Inbuilt isolation transformer	With
Overall Efficiency (%)	$\geq 80\%$ & $< 90\%$ with Inbuilt isolation transformer
Power Factor Load Supported	0.8 or better
Overload limit	20% Overload for minimum 5 minute
Total Harmonic Distortion(THD) (%)	3% Maximum @ 100% Linear Load
Other Functional Features	Battery recharge time (after complete discharge to 90% charge) and charge rating: Battery recharge time to 90% charge after 100% DoD : 8 to 10 Hours,Crest factor on full non-linear load is not less than 3:1,Noise level (1 meter distance from UPS) should be less than 70dB

Accessories

Accessories	Cabling 6 meters (input upto 3m and output upto 3m),Rack for Batteries
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Salient Features

Protection	Protection for under voltage at battery terminal,Protection of Over voltage,Short Circuit & over load at UPS output terminal,Over temperature protection
Metering	Input Voltage,Output Voltage,Input Frequency,Output Frequency,Input Power,Output Power,Input Power Factor,Output Power Factor
Alarms and Indications	Indicator for Mains presence,Indicator for Battery charging and discharging,Indicator for Output Over Load with Audible Alarm,Indicator for Low Battery Voltage with Audible Alarm,Alarm for Over temperature,Alarm for Low Battery
Additional Features	Pure Sinewave AC Output

Design / Construction



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Product History 4

Type of Design / Construction	Floor Standing
Form factor of UPS	NA (for Floor Standing)
Enclosure (mm)	1.2 mm Minimum Thickness of M.S. Sheet duly powder coated
Degree of Protection	IP21
DC Bus Voltage (In Volts)	192
Other Constructional Features	Inverter reset push button,Manual by pass facility,Shall be complete with rack rail kit for mounting of UPS in the rack and shall be housed in rugged enclosure made of steel sheet having 1.2 mm (minimum) thickness, aesthetically finished,duly pretreated and powder coated,Static by pass facility,UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burst, etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional

Operating Conditions

Minimum Operating Temperature	0 degree Celsius
Maximum Operating Temperature	40 degree Celsius
Relative Humidity Non Condensing at 40 deg C	90 percent

Buyer Specific Requirement



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Product History 4

Environmental Test Report Requirements	NA
Battery Test Report	NA
Intended Applications	NA
Other Requirements	KW rating shall be 0.8 time of KVA rating

Reports And Certification

Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification	OEM
Agree to provide all relevant documents Test Reports/supporting document /reports etc to the buyer at the time of bidding or on demand	Yes
As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable	Yes (For UPS rating upto 10KVA)

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Demand No:W-02		Scheme:22020807-IIB-SCH IN FYP / DEVELOP OF GOVT.SCIENCE COLGES		Detail Head:52-MACHINERY AND EQUIPMENT		
Note: Approved Bills are shown in Green and others are shown in Maroon.		[Amount in Thousands]				
Date	Time	Authorization No	Amount		No Of Payee	Status
20-10-2023	15:35:47	182418804615350147	149850	<div>Print</div>	1	Delivered VR.NO.-44 VR.Date-2023-11-01
Total			149850			

Print Report

Deleted Bills

Expenditure Report of 4601001824-D IR STATE INSTUTE OF SCIENCE. for 2023-2024

Demand No:W-02			Scheme:22020807-IIB-SCH IN FYP / DEVELOP OF GOVT.SCIENCE COLGES		Detail Head:13-OFFICE EXPENSES	
Note: Approved Bills are shown in Green and others are shown in Maroon.			[Amount in Thousands]			
Date	Time	Authorization No	Amount		No Of Payee	Status
16-02-2024	17:50:43	18249483461750014324	21999	<div>Print</div>	1	Delivered VR.NO.-62 VR.Date-2024-03-05
27-12-2023	16:19:13	18244321461619011323	499996	<div>Print</div>	2	Delivered VR.NO.-98 VR.Date-2024-01-09
11-12-2023	17:57:17	182446334617570117	129720	<div>Print</div>	2	Delivered VR.NO.-166 VR.Date-2023-12-20
Total			651715			

Print Report