

COLLEGE OF ENGINEERING, CHENGANNUR, KERALA – 689 121.
(Managed by IHRD, A Govt. of Kerala undertaking)

Phone : 0479 – 2451424, 2454125
Fax : 0479 – 2451424

No. D₂/480/22

Dated: 18.10.22


SHORT TENDER NOTICE

Tender No. 04/2022-23, Purchase of UPS with Batteries

Last date and time for receipt of tender : 07.11.22, 1.00 pm
Date and time for opening of tender : 07.11.22, 3.00 pm
Price of tender form : Rs. 1,469/-
Price of Duplicate copy : Rs. 735/-
Address of Purchasing Officer from whom tender forms are to be obtained and to whom tenders are to be sent : The Principal
College of Engineering, Chengannur
Kerala 689 121
EMD : Rs. 4,150/-

Tender documents can be had from the Principal on payment of the prescribed cost at the counter in cash or by post (postage extra Rs. 35/- for one tender form) sending a DD for the amount payable at Chengannur in favour of the Principal, College of Engineering, Chengannur - 689 121. Details will be available in College website: <http://www.ceonline.edu>




9/10/22
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COLLEGE OF ENGINEERING
CHENGANNUR

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No

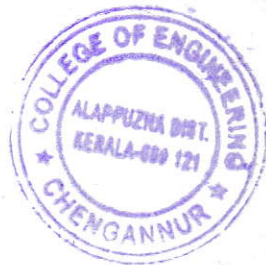
Specifications 5KVA ONLINE UPS

01 BIS CERTIFIED 5 KVA/120VDC UPS with Online Double Conversion, High Frequency IGBT, DSP and Dual microprocessor controlled system, Capacity -5 KVA with INBUILT Isolation Transformer, Nominal input voltage – 170 - 270 VAC, Single Phase Input Single Phase output and dedicated Earth, Input power factor –0.99, Input current Distortion – I-THD-<=5%, Output power – 5 k VA/4000W, Output power factor – 0.8 Lagging or better, Nominal output voltage – 230 V AC Single phase, Output voltage regulation- +/-1%, Auto Bypass Facility, Nominal output frequency – 50 Hz, +/-0.05%, Output crest factor capacity – 3:1, , UPS efficiency - >94%, Ventilization – Forced – Air cooled, LED/LCD Display for –Mains on, Inverter on, Battery Low, Over Load, Load Percentage, Common Alarm, - Battery low Pre-alarm, Trip, Output short circuit protection, Output over/under voltage, Battery over temperature alarm,

Battery -10 nos of 12V/40AH CPRI Certified Tubular Battery With Battery Rack

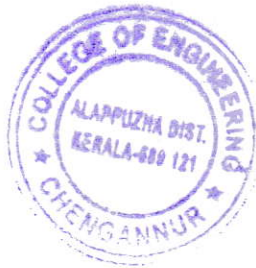
Warranty – UPS - 3 YEARS ,Battery -3 Years


Mandatory CERTIFICATION FOR UPS - ISO9001-2015 ,ISO14001 -2015,ISO 45001:2018(OHSAS), CE Certification AND BIS Certification, RoHS Compliant, IEC 62040 – 1,2 & 3




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SI No	Specifications 6KVA ONLINE UPS
01	<p>BIS CERTIFIED 6KVA/120VDC UPS with Online Double Conversion, High Frequency IGBT, DSP and Dual microprocessor controlled system, Capacity -6KVA with INBUILT Isolation Transformer, Nominal input voltage – 170 - 270 VAC, Single Phase Input Single Phase output and dedicated Earth, Input power factor –0.99, Input current Distortion – I-THD-<=5%, Output power – 6k VA/4800W, Output power factor – 0.8 Lagging or better, Nominal output voltage – 230 V AC Single phase, Output voltage regulation- +/-1%, Bypass Facility. Nominal output frequency – 50 Hz, +/-0.05%, Output crest factor capacity – 3:1, , UPS efficiency - >93%, Ventilation – Forced – Air cooled, LED/LCD Display for –Mains on, Inverter on, Battery Low, Over Load, Load Percentage, Common Alarm, - Battery low Pre-alarm, Trip, Output short circuit protection, Output over/under voltage, Battery over temperature alarm,</p> <p>Battery -10 no's of 12V/60AH CPRI Certified Tubular Battery with battery stand</p> <p>Mandatory CERTIFICATION - ISO9001-2015 ,ISO14001 -2015,OHSAS 18001 : 2007, CE Certification BIS Certification, IEC 62040 – 1,2 and 3,CPRI Certification for Battery</p> <p>Warranty – UPS 3 YEAR, Battery -3 Years</p>




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SI No	Specifications of 5KVA Online UPS(3Phase input Single Phase Output)
01	<p>BIS Certified 5 KVA/120VDC UPS with Online Double Conversion, High Frequency IGBT Technology , DSP and Dual microprocessor controlled system, Capacity -5 KVA/4000W with Inbuilt Isolation Transformer, Nominal input voltage – 330 -470 VAC, Three Phase Input Single Phase output and dedicated Earth, Nominal Input frequency -50 HZ +/- 2Hz, Input power factor – 0.9, Input current Distortion – I-THD-<=5%, Output power – 5 k VA/4000W, Nominal output voltage – 230 V AC Single phase, Output voltage regulation- +/-1%, Bypass Facility, Nominal output frequency – 50 Hz, +/-0.05%, Output crest factor capacity – 3:1, Operating temperature range- 0oC to 40oC, UPS efficiency - >90%, Ventilation – Forced – Air cooled, LED/LCD Display for –Mains on, Inverter on, Battery Low, Over Load, Load Percentage, Common Alarm, - Battery low Pre-alarm, Trip, Output short circuit protection, Output over/under voltage, Battery over temperature</p> <p>Battery 10 Nos of 12V/40Ah CPRI Certified Tubular Battery with 3 Years OEM Warranty with battery stand AND ACCESSORIES</p> <p>WARRANTY –UPS -3 YEAR, Battery – 3years</p> <p>MANDATORY CERTIFICATION -BIS , ISO9001-2008, ISO 14001-2015 AND OHSAS 18001 : 2007 and CE Certification, , IEC 62040 -1,2 &3, CPRI CERTIFICATION FOR BATTERY</p>



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