

ANNEXURE 1 – SPECIFICATIONS FOR 10 KVA UPS WITH BATTERY BACKUP

	SPECIFICATIONS		VENDOR COMPLIANCE
	RATING	10 KVA ONLINE DOUBLE CONVERSION TOPOLOGY WITH TRUE ISOLATION TRANSFORMER UPS SYSTEM. WITH IGBT TECHNOLOGY. 3PH INPUT/3PHASE OUTPUT PURE SINEWAVE UPS	
	ISOLATION	GALVANIC	
	PARALLEL KIT	WITH PARALLEL KIT	
	CAPACITY	9000 WATTS	
	POWER FACTOR	0.9	
	TOPOLOGY	ONLINE DOUBLE CONVERSION	
INPUT			
	CONFIGURATION	3 PHASE	
	INPUT VOLTAGE RANGE	176-276 VAC (line to neutral) 380-415 VAC (line to line) +/- 2%	
	FREQUENCY RANGE	50 HZ +/- 10% (Auto Sensing)	
	INLET TYPE	TERMINAL BLOCK	
	INPUT POWER FACTOR	0.99	
OUTPUT			
	CONFIGURATION	3 PHASE	
	VA	10000	
	WATTS	9000	
	NOMINAL VOLTAGE	L-N 220/230/240,L-L 380/400/415 +/- 1%	
	OUTPUT FREQUENCY	50 HZ	
	CREST FACTOR	03:01	
	OUTPUT POWER FACTOR	0.9	
	VOLTAGE THD	<3 %	
	OVERLOAD	125% FOR 10 MIN /150%LOAD FOR 1 MIN	
COMMUNICATION PORT			
	COMMUNICATION	RS232, RS485, SNMP CARD. EPO, DRY CONTACTS(Optional)	
	EPO	EMERGENCY POWER OFF	
	COLD START	SHOULD BE AVAILABLE	

	LCD CONTROL PANNEL	ALL THE INDICATIONS LIKE POWER ON ETC	
INDICATOR	POWER ON, LINE MODE, BATTERY MODE,BYPASS MODE,ECO MODE,C/F MODE,REPLACE BATTERY)	LCD+LED TOUCH SCREEN AND KEY BOARD	
AUDIBLE ALARAMS	FOR BATTERY MODE,BATTERY LOW,OVERLOAD,UPS FAULT,REPLACE BATTERY		
Environmental	OPERATING TEMPARATURE	32 F TO 104 F/0 TO 45 C	
	RELATIVE HUMIDITY	0-95 % NON CONDENSING	
BATTERY	SMF , VRLA BATTERIES	12 VOLT BATTERIES SHOULD GIVE 3 HOURS BACKUP ON FULL LOAD	
	VAH	SHOULD BE 36000VAH OR HIGHER OR EQUIVALENT.	
		MENTION THE BATTERY AH AND THE NO OF BATTERIES TO BE CONNECTED TO THE UPS.	
	CHARGING CURRENT	10-40 AMPS-CONFIGURABLE SETTING	
		NOTE : EXTERNAL/INTERNAL CHARGER IF REQUIRED SHOULD BE SUPPLIED/ CONNECTED IF THE CHARGING CURRENT OF THE UPS IS NOT SUFFICIENT TO CHARGE THE BATTERIES	
WARRANTY		2 YEARS ON SITE (Both UPS & Batteries) from the date of installation and acceptance	

SCOPE OF WORK

GENERAL SPECIFICATIONS

VENDOR COMPLIANCE

<ul style="list-style-type: none">• IRON BATTERY RACK/STAND• BATTERY STAND POWDER COATED WITH BLACK/GREY COLOR• BATTERY STANDS SHOULD BE SUITABLE FOR PLACING THE BATTERIES AND ADEQUATE SPACE FOR MAINTENANCE.• VENDOR SHOULD PROVIDE MIN. 10 METERS OF INPUT AND OUTPUT, AND ALSO BATTERY INTERLINKS CABLES.• VENDOR SHOULD INSTALL THE BATTERIES AND THE BACK UP WILL BE TESTED.• TEST REPORTS WHEREEVER REQUIRED WHEN ASKED SHOULD BE SUBMITTED.• VENDOR HAS TO FURNISH AUTHORISATION LETTER FROM THE MANUFACTURER/OEM.• VENDOR HAS TO STRICTLY CONFIRM THE SPECIFICATION WITH VALUES BUT NOT JUST SAYING YES/NO. <p>All safety measures should be incorporated</p>	
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