

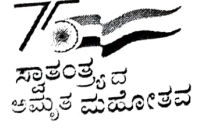


# KARNATAK UNIVERSITY

UNIVERSITY SCIENTIFIC INSTRUMENTATION CENTRE  
PAVATENAGAR, DHARWAD-580003. (KARNATAK STATE)

NAAC Accredited with "A" Grade 2022

"UNIVERSITY WITH POTENTIAL FOR EXCELLENCE"



Prof.Ravindra.R.Kamble.  
Director

GST No: 29AAALK1092N1Z0

Ph.No: (0836) 2215295  
: 9483482073

E-mail: usic@kud.ac.in

No: KU/USIC/2024-25/ 217/1586

Date: 27/2/2024  
28 FEB 2025

To.

Address not enclosed.

Sub: Request to send Quotation for the supply of 30 KVA online UPS without 30 No's Batteries reg.

Ref: Registrar Permission dated:-27-01-2025.

Sir,

With reference to the above subject, kindly arrange to send the lowest quotation for the supply of 30KVA, 3Ph-1Ph, 360 VDC Specification online UPS suitable for 30 no's 130AH-12V tall tubular Batteries.

SL.NO	PARAMETERS	SPECIFICATIONS
1	UPS Rating	30KVA,3Phase Input & 1 Phase Output
2	INPUT	3 Phase, 4 wire
	Voltage Range	360AC-460VAC 3 Phase 4 Wire+Gnd
	Frequency Range	50 ±3Hz
	Rectifier	IGBT based DSP Controlled, 6pulse Rectifier
3	OUTPUT	1Phase, 2wire
	Power	30KVA
	Inverter	IGBT, DSP Controlled PWM Technology
	Voltage Range	230VAC±1%
	Frequency Range	50Hz,±0.05%
	Power Factor	0.8Lag to Unity
	Crest Factor	03:01
	Efficiency	≥87%PEAK
	Distortion	Linear Load<2% & Non Linear<5%
Overload Capacity	Betterthan125% for 10Min., 150% for 60 second and 200%for10 cycles	
4	Response time	Less than 60 milli seconds to reach within ±2%
5	BATTERY	30 Battery System (360VDC)
6	Feature	Inbuilt Output Isolation
		Event Log
		Auto restore feature Inverter DC Under Voltage Trip
		Cooling : Forced Air Cooled
7	Controller Display	16x2 LCD/LED

8	Protection	Input Over and Under Voltage
		Phase Fail
		DC Over and Under Voltage
		Inverter Over and Under Voltage
		Inverter Over load
		Snubber SOAR Protection for Semi Conductor Devices
		Respective Trip LED indications local.
9	Signal parameters for Local monitoring	Input-Voltage: Ph-N Output-Voltage(Ph-N) and Current (Ph-N)&Frequency(Ph-N) Battery - Charging Current, Discharging Current, Voltage,
10	Major Alarms Local Display	DC: Under and Over Voltage Battery : Discharging/Under Voltage/End of Battery Discharge Inverter: Under and Over Voltage IGBT limb fault, Overload trip, Over Temperature and Short Circuit UPS Mode: Auto or Manual Bypass Mode
11	<b>Environment</b>	
	Operating Humidity	0-95% non condensing @40°C
	Operating Temperature	0°C to 45°C
	Storing Temperature	-10°C to 60°C
12	Environment Protection	Special conformal Coating suitable for Marine environment to avoid Corrosion of Components m

**Our Conditions:**

- Prices should be FOR Dharwad on door delivery basis, which should include GST and Installation charges.
- Mention warranty/Guarantee period, payment terms and conditions.
- The quotation should be addressed in a sealed cover and send it to **Director, University Scientific Instrumentation Centre (USIC), Karnatak University, Dharwad-580 003** and reach us on or before 10-03-2025.
- Rate should be quoted With and Without Buy back of old Aplab Make online UPS without batteries Separately (Vendors are allowed to inspect old 30KVA online UPS).
- The Karnatak University Dharwad decision is final with regard to procure or not to procure the above item.
- GST number is compulsory.
- KUD GST Number is. **29AAALK1092N1ZO**.

Yours faithfully,



**DIRECTOR  
USIC  
KARNATAK UNIVERSITY,  
DHARWAD-3**

