बेलबारी नगरपालिका

नगर कार्यपालिकाको कार्यालय

मितिः २०८३/०८/०२

बजार दररेट उपलब्ध गराईदिने सम्बन्धी सूचना

बेलबारी नगरपालिकाका लागि आर्थिक वर्ष २०८३/०८४ मा आवश्यक पर्ने संलग्न स्पेसिफिकेसन बमोजिमका निम्म मालसामानहरू खरिद गर्नुपर्ने भएको हुँदा के कति दररेटमा सामान उपलब्ध गराउन्छ सकिन्छ? इन्छुक व्यावसायीहरूले आफ्नो लेटहरेडमा हस्ताक्षर र छाप सहित मु.अ. कर बाहेक प्रति इकाइ दररेट यो सूचना प्रकासन भएको मितिले ७ (सात) दिन भित्रमा उपलब्ध गराईदिनुहुन अनुरोध छ ।

देहाय

क.स.	सामाग्रीहरूको नाम	स्पेसिफिकेसन	परिमाण	इकाइ	प्रति इकाइ मूल्य (रू)	मु.अ. कर लाग्ने / नलाग्ने
१	140 AM Tubular Battery	यसै सूचनामा संलग्न रहेका थान ५ ।	१	थान		
२	160 AM Tubular Battery		१	थान		
३	5 KVA Online UPS		१	थान		
४	10 KVA Online UPS		१	थान		

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कृष्ण न्यौपाने

सूचना प्रविधि अधिकृत

Battery Specifications

Battery Capacity	140 Ah
Battery Type	Tall Tubular
Voltage	12V
Electrolyte Volume	20 Litres
Technology	Advanced Dura Core Technology with Heavy-Duty Alloy Spines
Maintenance	Low Maintenance with Water Level Indicators
Backup Support	Supports Fans, Lights, TVs, Laptops, Routers & Other Appliances
Recharge Efficiency	Fast Recharge with Long Backup
Warranty	60 Months (36M(Replacement of items)+24M(only Maintenance))
Applications	Home, Office & Shops

Battery Specifications

Battery Capacity	160 Ah
Battery Type	Tall Tubular
Voltage	12V
Electrolyte Volume	20 Litres
Technology	Advanced Dura Core Technology with Heavy-Duty Alloy Spines
Maintenance	Low Maintenance with Water Level Indicators
Backup Support	Supports Fans, Lights, TVs, Laptops, Routers & Other Appliances
Recharge Efficiency	Fast Recharge with Long Backup
Warranty	48 Months (24M(Replacement of items)+24M(only Maintenance))
Applications	Home, Office & Shops

Online UPS Specification

Parameter	Specification
Capacity	5 KVA
INPUT	
Rated input voltage	220/300 Vac
Operating voltage range	160 ~ 275 Vac
Operating frequency range	50 Hz (±2.5%)
OUTPUT	
Rated output voltage	220 Vac ±1% / 230 Vac ±1%
Output frequency	50/60 Hz ±0.5%
Power factor	0.8 / 0.9 (Optional)
Crest factor	3 : 1 (max)
Max. efficiency	>94%
THD	2% (Linear load)
Overload	125%: 60 sec, 150%: 45 sec
BATTERY	
Battery voltage	192 Vdc
Charging current	6 A Std. (12 A optional)
Battery configuration	External battery bank (not specified in brochure)
SYSTEM FEATURES	
Conversion type	Double conversion on-line, built-in isolation transformer, IGBT inverter
Transfer time	0 ms (AC mode → Battery mode)
Bypass	Built-in static electronic bypass switch
Communication interface	RS232, SNMP, Dry contact (optional)
ENVIRONMENTAL	
Operating temperature	0 ~ 40 °C
Humidity range	0 ~ 95% (non-condensing)
Noise level	<45 dB (1 m from surface)
STANDARDS	
Safety	IEC/EN62040-1; IEC/EN60950-1
EMC	IEC/EN62040-2; IEC61000-4-2; IEC61000-4-3; IEC61000-4-4; IEC61000-4-5; IEC61000-4-6; IEC61000-4-8

Online UPS Speficiation

Parameter	Specification
Phase	1-phase in / 1-phase out
Capacity	10 kVA / 10 kW
Parallel capacity	Up to 4 units
INPUT	
Nominal voltage	3 × 380/400/415 VAC (3Ph+N) or 220/230/240 VAC (1Ph+N)
Voltage range	190–520 VAC @ 50% load; 305–478 VAC @ 100% load
Frequency range	46–54 Hz or 56–64 Hz
Power factor	≥ 0.99 @ 100% load
Harmonic distortion (THDi)	< 4% at full linear load
OUTPUT	
Output voltage	3 × 380/400/415 VAC (3Ph+N) or 220/230/240 VAC (1Ph+N)
AC voltage regulation (battery mode)	± 1%
Frequency range (synchronized)	46–54 Hz or 56–64 Hz
Frequency range (battery mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz
Current crest ratio	3 : 1 (max.)
Harmonic distortion	≤ 2% THD (linear load); ≤ 5% THD (non-linear load)
Transfer time – AC mode to battery mode	Zero
Transfer time – inverter to bypass	Zero
Waveform (battery mode)	Pure sine wave
Overload – AC mode	100–110% for 60 min, 110–125% for 10 min, 125–150% for 1 min, >150% immediately
Overload – battery mode	100–110% for 60 min, 110–125% for 10 min, 125–150% for 1 min, >150% immediately
BYPASS	
Nominal voltage	3 × 380/400/415 VAC (3Ph+N) or 220/230/240 VAC (1Ph+N)
Voltage range	305–457 VAC
Frequency range (synchronized)	46–54 Hz or 56–64 Hz
Overload capability	> 130%: 1 minute (default); continuous until breaker protection (optional)
EFFICIENCY	
AC mode	95.5%
ECO mode	98.5%
Battery mode	94.5%
BATTERY – STANDARD MODEL	
Battery type	12 V / 9 Ah
Numbers (default)	(10 + 10) pcs
Typical recharge time	9 hours to 90% capacity
Charging current (max.)	1 A (default)
Charging voltage	± 136.5 VDC
BATTERY – LONG-RUN MODEL	
Battery type	Depends on capacity of external batteries
Numbers	± 8–10
Charging current (max.)	1–18 A (adjustable)
Charging voltage	± 13.65 V × N (N = 8–10)
INDICATORS	
LCD panel	UPS status, load level, battery level, input/output voltage, discharge timer, fault conditions

ENVIRONMENT	
Operating temperature	0–40 °C
Operating humidity	< 95%, non-condensing
Altitude	0–1500 m at full load
Noise level	Less than 62 dB @ 1 m
STANDARDS	
Safety	EN 62040-1:2008/A1:2013; IEC 62040-1:2008/A1:2013; CE low voltage directive
EMC	EN 62040-2:2006 (C3); CE EMC directive
MANAGEMENT	
Smart RS-232 / USB	Supports Windows, Linux and macOS
Optional SNMP	Power management from SNMP manager and web browser