

Information Technology Division

Ministry of Health

دائرة تكنولوجيا المعلومات
وزارة الصحة
عمان

Specification for 8KVA UPS

FORM FACTOR	Rack mount
UPGRADE	Scalable to 16KVA or Higher
NOMINAL OUTPUT VOLTAGE	230
OUTPUT POWER CAPACITY	At least 5.6KWatts / 8KVA
MAXIMUM CAPACITY	11.2 KWatts / 16 KVA (or higher after upgrade)
NOMINAL OUTPUT VOLTAGE	230V
OUTPUT CONNECTIONS (FROM BATTERY BACKUP)	Eight (8) IEC 320 C13 One (1) Hard Wire 3-Wire (H N + G) Ten (10) IEC320 C19 OR Equivalent Power distribution Unit
INPUT CONNECTION	Hard Wire 5-wire (3PH + N + G)
BATTERY TYPE	Maintenance free sealed Lead Acid Battery (4 Battery Units should be included)
POWER MODULES	At least 2 modules should be included
FEATURES	<i>Audible Alarm – Audible and visible alarms prioritized by severity Multi-function LCD status and control console RJ-45 10/100 Base-T Network Management Card, Smart Slot</i>
INSTALLATION	<ul style="list-style-type: none"> • Should provide installation and start-up of the UPS System • If required, new power cable from Main circuit board (in server room) should be installed for the UPS • UPS should be installed by vendor certified engineers • Engineer certificate should be submitted along with the proposal • (minimum 1 certified engineer) to provide support during warranty period
WARRANTY	Vendor on site support for 24x7, 2 years support by severity



Hussain Aneel
Assistant Computer Programmer

2-Jul-19

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وزارة الصحة
الكويت

Specification for 1100VA UPS

UPS	
QUANTITY	1
DETAILS	1100VA WITH AUTOMATIC VOLTAGE REGULATOR
OUTPUT VOLTAGE	220V, 230V
VOLTAGE DISTORTION FOR OUTPUT	3% (Maximum)
OUTPUT CONNECTION QUANTITY	Two (2) IEC 320 C13 (minimum)
INPUT VOLTAGE	230V
INPUT CONNECTION TYPE	British BS1363A
BATTERY CONDITION	Leakproof
NUMBER OF BATTERY MODULES	2
REPLACEMENT BATTERY COST	Should include current market price for the replacement battery
INTERFACE PORTS	One (1) RJ-45 , One(1) Smart slot or equivalent interface port
AUDIBLE ALARM	Alarm when on battery Alarm when low battery Alarm when overload
REQUIRED FEATURES	Surge protection and Noise filtering Include Emergency Power Off feature LED Display with load and Status
WARRANTY	One-year maintenance warranty Ony year Guarantee for Battery (provide replacement if battery life ends earlier than one year)




Husna Adam
Computer Programmer
02 July 2019

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Specification for 6KVA UPS

UPS	
QUANTITY	1
DETAILS	6000VA WITH AUTOMATIC VOLTAGE REGULATOR
OUTPUT VOLTAGE	220V, 230V (nominal), 240V
VOLTAGE DISTORTION FOR OUTPUT	5% (Maximum)
OUTPUT CONNECTION QUANTITY (FROM BATTERY BACKUP)	Eight (8) IEC 320 C13 (include cables 2m x8) One (1) IEC 320 C19
INPUT VOLTAGE	230V
INPUT CONNECTION TYPE / CABLE	British BS1363A, (include cables, if required)
BATTERY CONDITION	Leakproof
NUMBER OF BATTERY MODULES	2
INTERFACE PORTS	One (1) RJ-45, One (1) Smart slot or equivalent interface port
AUDIBLE ALARM	Alarm when on battery Alarm when low battery Alarm when overload
REQUIRED FEATURES	Surge protection and Noise filtering Include Emergency Power Off feature LED Display with load and Status
WARRANTY	One-year maintenance warranty One-year Guarantee for Battery (provide replacement if battery life ends earlier than one year)




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02 July 2019

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Specification for 3KVA UPS

UPS	
QUANTITY	1
DETAILS	3000VA WITH AUTOMATIC VOLTAGE REGULATOR
OUTPUT VOLTAGE	220V, 230V (nominal), 240V
VOLTAGE DISTORTION FOR OUTPUT	3% (Maximum)
OUTPUT CONNECTION QUANTITY	Eight (8) IEC 320 C13 One(1) IEC 320 C19
INPUT VOLTAGE	230V
INPUT CONNECTION TYPE	British BS1363A
BATTERY CONDITION	Leakproof
NUMBER OF BATTERY MODULES	2
REPLACEMENT BATTERY COST	Should include current market price for the replacement battery
INTERFACE PORTS	One (1) RJ-45 , One(1) Smart slot or equivalent interface port
AUDIBLE ALARM	Alarm when on battery Alarm when low battery Alarm when overload
REQUIRED FEATURES	Surge protection and Noise filtering Include Emergency Power Off feature LED Display with load and Status
WARRANTY	One-year maintenance warranty Ony year Guarantee for Battery (provide replacement if battery life ends earlier than one year)




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02 July 2019