Questions 3- Site visit RFQ NUMBER 19H08021Q0075

1. What is the Specification of the required PDU that goes after UPS?

**OUTPUT**

*Max. configurable power (watts)*
100.0Kilowatts / 100.0kVA

*Output Voltage Distortion*
Less than 2%.

*Output Frequency (synchronized with mains)*
50 Hz +/- 0.1% For 50 Hz nominal Unsynchronized, 57 - 63 Hz For 60 Hz nominal Synchronized for mains,
60 Hz +/- 0.1% For 60 Hz nominal Unsynchronized

*Topology*
Online double conversion

*Waveform type*
Sine wave

*Output Voltage THD*
< 2% for 0 to 100% linear load and < 6% for full non-linear load

*Output Voltage Tolerance*
+/-1% static and +/- 5% at 100% load step

*Transfer time*
2 ms typical

*Bypass*
Built-in static bypass

**INPUT**

*Input frequency*
40-70 Hz

*Input voltage range in main operation*
177 - 239 (208 V)V

*Input Total Harmonic Distortion*
Less than 5% at full load

*Input Power Factor at full load*
0.99

**BATTERIES AND AUTONOMY TIME**

*Battery type*
VRLA

*Battery modules included*
6

*Typical recharge time*
2hour(s)

**Nominal Battery Voltage**
+/-192 V (split battery with reference to neutral)

**Maximum Battery Current at End of Discharge**
351.0A

**Empty Battery Slots**
3

**Battery charging supply (watts)**
10,316Kilowatts

**End of Battery Voltage Discharge**
+/- 154 V

**Efficiency during Battery Operation**
94.7%

**Maximum available short-circuit current**
30kAmperes

**Runtime**
View Runtime Graph

**Efficiency**
View Efficiency Graph

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**COMMUNICATIONS & MANAGEMENT**

**Port(s) Interface**
DB-9 RS-232, SmartSlot

**Control Panel**
Multifunction lcd status and control console

**Acoustic Alarm**
Alarm, if battery operated: low battery feature alarm: configurable delays

**SmartSlot™ interfaces available**
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**PHYSICAL DESCRIPTION**

**Maximum height**
2011mm, 201.1cm

**Maximum width**
1200mm, 120.0cm

**Maximum depth**
1070mm, 107.0cm

**Net weight**
1412.36kg

**Shipping weight**
1554.0kg

**Gross height**
2140mm, 214.0cm

**Gross width**
1696mm, 169.6cm

**Gross depth**
1210mm, 121.0cm

**Color**
Black

**ENVIRONMENTAL DESCRIPTION**

**Operating Temperature**
0 - 40 °C

**Operating Relative Humidity**
0 - 95 %

**Working Elevation**
0 - 1015.9 meters

**Storage Temperature**
-15 - 40 °C

**Storage Relative Humidity**
0 - 95 %

**Storage Elevation**
0 - 15240 meters

**Audible noise at one meter from the surface of the unit**
67.0dBA

**Protection Class**
NEMA 1