



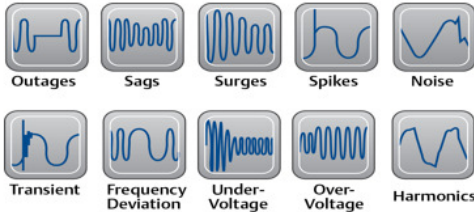
CHESS
CONTROLS

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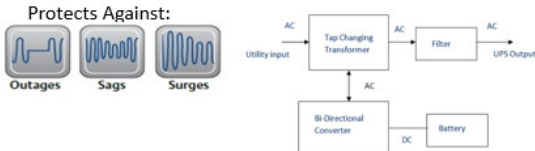
UPS Application information sheet

1. Please provide some details about the application and UPS technology preferred for this installation.



NOT ALL UPS SOLUTIONS ARE EQUAL...

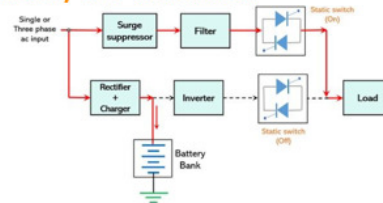
LINE-INTERACTIVE UPS TOPOLOGY (ALSO REFERRED TO AS BUCK AND BOOST)



Similar to Offline UPS. The difference is the addition of tap changing transformer. Voltage regulation is done by this tap-changing transformer by changing the tap depending on input voltage. Additional filtering is provided in this UPS result in lower transient loss.

OFF-LINE (STANDBY) UPS TOPOLOGY

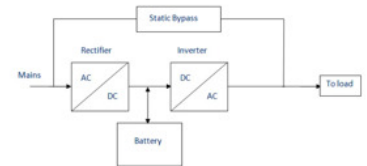
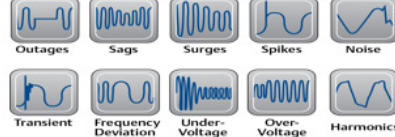
Protects Against:



An offline ups permits a direct supply of input power to the load without inverter or rectifier circuitry, meanwhile charging the battery. But as soon as the power fails the inverter comes into action.

ON-LINE (DOUBLE-CONVERSION) UPS TOPOLOGY

Protects Against Critical Power Anomalies



An ONLINE UPS is the one in which the inverter always supplies power to the protected load and hence the same quality of power is ensured all the time. When mains supply is present, the inverter derives its power from the mains supplied rectifier and the backup batteries are also kept in charged state. When the mains fail, the source of DC power for the inverter section shifts to the battery without any break whatsoever in the output to the Inverter.

UPS technology preferred: _____

Application details: _____

2. **Battery type preferred** a) traditional valve-regulated-lead-acid (VRLA) batteries _____
b) lithium ion _____

3. **Amount of battery support at what load** Battery runtime time _____ at what load _____

4. **Describe types of loads on the UPS** (ie. IT equipment / Process Control equipment / Motors) _____

5. **Input Voltage** _____ **Output Voltage** _____ **Single Phase** _____ **3 Phase** _____

6. **Is hardwired input required** _____ **Is hardwired output required** _____

7. **Do you require a bypass cabinet** (include brief description of requirements) _____

8. **For 3 phase configuration do you require kirk key interlock** _____

9. Power Distribution requirements std. rackmount PDU _____ Smart rackmount PDU _____
Power Distribution Panel _____ Number of circuits _____ Current rating _____

10. Optional interface modules Relay Output _____ Com interface SNMP _____
Other _____

11. Mounting options Fix mount rackmount _____ Rackmount with telescopic slides _____
Free Standing _____

12. When Rackmounting, do you have an existing rack or do you require a rack. Please provide details
(height / width / depth / nema rating / front and rear door / climate control / security)

13. Warranty requirements Standard Warranty _____ Extended Warranty _____

14. Site service requirements / On site commissioning assistance. Please provide details

Please submit details to sales@chesscontrols.com for quotation

Company Name: _____

Tel. # _____

Date quote is required by: _____

Date UPS is required on site: _____

Your name: _____

Email Address: _____

Budget or firm quote: _____

UPS ACCESSORIES



EXTERNAL BATTERY OPTIONS



RACK MOUNTING KITS



COM. INTERFACE



HARDWIRED OR WIRED MICROPOD
BYPASS CABINET



PDU



SOFTWARE



SERVICE



DATA RACKS



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