

Design Considerations: Zeus Backup Power System

Zeus Backup Power Systems are built to meet a client's specific current and future needs for backup power for critical equipment. The following questionnaire will help establish your key requirements and assist us in designing and costing the best system for your needs.

Requirements			
1. Type of equipment requiring backup power		3. Is the requirement for AC or DC power?	
Telecommunications Tower	<input type="checkbox"/>	AC <input type="checkbox"/>	DC <input type="checkbox"/>
Data Centre	<input type="checkbox"/>	4. What voltage is required?	
Critical Equipment (medical)	<input type="checkbox"/>		
Critical Equipment (machinery/manufacturing)	<input type="checkbox"/>	5. What is the peak and average power draw of the source? Identify individual equipment power requirements	
Critical Equipment (communications)	<input type="checkbox"/>	My average power draw is:	
Computer Systems – operational	<input type="checkbox"/>	My peak power draw is:	
Digital Equipment – process	<input type="checkbox"/>	6. Typical duty cycle (running hours) per month?	
Other (please specify):	<input type="checkbox"/>	The ideal backup period is:	Hours
		7. Base formula (if backup period is unknown) E.g. Requiring 5kw power for two (2) days to run equipment plus safety factor of a minimum of one (1) day.	
2. Nominate equipment by priority (Critical, essential, maintenance)		Operational requirements:	
1.	C E M	Emergency/backup power:	
2.	C E M	Safety/buffer factor:	
3.	C E M		
4.	C E M	I would require kW for hours per day/month	

8. Location(s) of the equipment that requires emergency power		9. Will you require an Indoor or Outdoor unit/s?	
Metro	1.	Indoor	<input type="checkbox"/>
	2.	Outdoor	<input type="checkbox"/>
	3.	10. Do you have an agreement with BOC Gases for your current Gases and Industrial Equipment Requirements?	
Country/ Regional	1.	Yes	<input type="checkbox"/>
	2.	No	<input type="checkbox"/>
	3.		
Remote	1.		
	2.		
	3.		

These questions enable a preliminary design to be completed to allow for an initial cost assessment for a Zeus Backup Power System. Depending on the information provided, a more detailed assessment may be required before a formal quotation is provided.

For a printable version of this form, please email info@alberfield.com.au and on provision of a name, email address and phone number, a copy will be emailed to you.