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

Telecommunications Tower	☐
Data Centre	☐
Critical Equipment (medical)	☐
Critical Equipment (machinery/manufacturing)	☐
Critical Equipment (communications)	☐
Computer Systems – operational	☐
Digital Equipment – process	☐
Other (please specify):	☐

2. Nominate equipment by priority

(Critical, essential, maintenance)

1.	C E M
2.	C E M
3.	C E M
4.	C E M

3. Is the requirement for AC or DC power?

AC ☐ DC ☐

4. What voltage is required?

5. What is the peak and average power draw of the source?

Identify individual equipment power requirements

My average power draw is:	
My peak power draw is:	

6. Typical duty cycle (running hours) per month?

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.

Operational requirements:	
Emergency/backup power:	
Safety/buffer factor:	

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	☐
	2.	Outdoor	☐
	3.	**10. Do you have an agreement with BOC Gases for your current Gases and Industrial Equipment Requirements?**	
Country/ Regional	**1.**	Yes	☐
	2.	No	☐
	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 an electronic copy 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.