



TECHNICAL INFORMATION

TITLE: PORTABLE MINE POWER CENTRE CHECKLIST

Service Conditions	Ambient Temperature (Average):	°C
	Approximate Elevation Above or Below Sea Level:	m+ or m-
	Environment (Specify Dust, Fumes, Moisture, Corrosive Agents, etc.):	
	Ramp or Shaft:	
Maximum Dimensions	Length:	
	Width:	
	Height:	
	Weight:	
Design Requirements		
Disconnect Switch	Load interrupter switch unit conforming to:	<input type="checkbox"/> S&C Loadbreak <input type="checkbox"/> Other:
	Rating:	
	Amps:	<input type="checkbox"/> 600 <input type="checkbox"/> 1200 <input type="checkbox"/> Other:
	Volts:	<input type="checkbox"/> 4160 <input type="checkbox"/> 6900 <input type="checkbox"/> 13,800 <input type="checkbox"/> Other:
	MVA:	<input type="checkbox"/> 150 <input type="checkbox"/> 250 <input type="checkbox"/> 350 <input type="checkbox"/> Other:
	Frequency:	<input type="checkbox"/> 50 Hz <input type="checkbox"/> 60 Hz
	Fused:	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Fuse Rating	
	Fuse Type	
	Handle Operation:	<input type="checkbox"/> Right Hand Side <input type="checkbox"/> Left Hand Side <input type="checkbox"/> Chain Coupled Front
	Capacitive Discharge High-Voltage Indicators	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Special Features Required:	<input type="checkbox"/> Static Shield <input type="checkbox"/> Other:
	Taps:	<input type="checkbox"/> 4 x 2.5% <input type="checkbox"/> 2 Above Normal (2FCAN) <input type="checkbox"/> 2 Below Normal (2FCBN) <input type="checkbox"/> Other:

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* In the case of "Other", please specify.



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Design Requirements (Continued)				
Transformer	kVA:	<input type="checkbox"/> 500 <input type="checkbox"/> 750 <input type="checkbox"/> 1500	<input type="checkbox"/> 600 <input type="checkbox"/> 1000 <input type="checkbox"/> Other:	
	Frequency:	<input type="checkbox"/> 50 Hz	<input type="checkbox"/> 60 Hz	
	BIL:	<input type="checkbox"/> Standard	<input type="checkbox"/> Other:	
	Transformer Impedance:	<input type="checkbox"/> Standard	<input type="checkbox"/> Other:	
	Insulation Class:	<input type="checkbox"/> Class H (220°C)	<input type="checkbox"/> Other:	
	Temperature Rise:	<input type="checkbox"/> 80°C	<input type="checkbox"/> 150°C	
	Primary Volts:	<input type="checkbox"/> 2400 <input type="checkbox"/> 6900 <input type="checkbox"/> Other:	<input type="checkbox"/> 4160 <input type="checkbox"/> 13,800	
		Secondary Volts:	<input type="checkbox"/> 480 <input type="checkbox"/> Other:	<input type="checkbox"/> 600
			Number of Phases:	<input type="checkbox"/> Three
	Primary Connection:	<input type="checkbox"/> Delta	<input type="checkbox"/> Other:	
	Available Fault Level:	<input type="checkbox"/> 150 MVA <input type="checkbox"/> 350 MVA <input type="checkbox"/> 750 MVA	<input type="checkbox"/> 250 MVA <input type="checkbox"/> 500 MVA <input type="checkbox"/> Other:	
		Primary System:	<input type="checkbox"/> Resistance Grounded <input type="checkbox"/> Other:	
		Primary Distribution-Type Lightning Arrestors Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Secondary Connection:	<input type="checkbox"/> Wye	<input type="checkbox"/> Other	
	Neutral-Grounding Resistor			
Let-Through Current				
Time Rating:	<input type="checkbox"/> 10 s <input type="checkbox"/> Other:	<input type="checkbox"/> Continuous		
NGR Monitor	<input type="checkbox"/> SE-325 ¹ <input type="checkbox"/> SE-330 ¹			
Breakers:	<input type="checkbox"/> Main Breaker Only <input type="checkbox"/> Main Breaker and Branch Feeder Breakers <input type="checkbox"/> Other:			
Main Breaker:	Frame Size:	<input type="checkbox"/> 150 A <input type="checkbox"/> 400 A <input type="checkbox"/> 800 A <input type="checkbox"/> Other:	<input type="checkbox"/> 250 A <input type="checkbox"/> 600 A <input type="checkbox"/> 1200 A	
		Int. Rating:	<input type="checkbox"/> 14 kA symmetrical minimum <input type="checkbox"/> Other:	
		Type:	<input type="checkbox"/> Moulded Case (Visi-break) <input type="checkbox"/> Other:	
		Volts:	<input type="checkbox"/> 600 Vac	<input type="checkbox"/> Other:
		Poles:	<input type="checkbox"/> Three	<input type="checkbox"/> Other:
	Frequency:	<input type="checkbox"/> 60 Hz	<input type="checkbox"/> Other:	

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Design Requirements (Continued)						
Main Breaker (con't):	Characteristics:		<input type="checkbox"/> Standard Thermal Magnetic	<input type="checkbox"/> Other:		
	Trip Mechanism		<input type="checkbox"/> Undervoltage Release	<input type="checkbox"/> Shunt Trip		
Main Bus Rating:			<input type="checkbox"/> 600 A	<input type="checkbox"/> 800 A		
			<input type="checkbox"/> 1000 A	<input type="checkbox"/> 1200 A		
			<input type="checkbox"/> Other			
Feeder Breakers:	Quantity:		<input type="checkbox"/> Two	<input type="checkbox"/> Four		
			<input type="checkbox"/> Six	<input type="checkbox"/> Other:		
	Type:		<input type="checkbox"/> Moulded Case (Visi-break)			
			<input type="checkbox"/> Other:			
	Volts:		<input type="checkbox"/> 600 Vac	<input type="checkbox"/> Other:		
Poles:		<input type="checkbox"/> Two		<input type="checkbox"/> Three		
Frequency:		<input type="checkbox"/> 60 Hz		<input type="checkbox"/> 50 Hz		
Feeder Breaker	#1	#2	#3	#4	#5	#6
Frame Size:						
Trip Unit Rating:						
Receptacle Brand:						
Receptacle Rating:						
Feeder Breaker	#7	#8	#9	#10	#11	#12
Frame Size:						
Trip Unit Rating:						
Receptacle Brand:						
Receptacle Rating:						
Options:	Ground-Fault or Ground-Fault Ground-Check Monitor(s) ¹ :		<input type="checkbox"/> SE-105	<input type="checkbox"/> SE-701		
			<input type="checkbox"/> SE-107	<input type="checkbox"/> Other:		
	Motor Protection ¹ :		<input type="checkbox"/> MPU-32	<input type="checkbox"/> MPS-RTD		
			<input type="checkbox"/> MPS-CTU	<input type="checkbox"/> Other:		
			<input type="checkbox"/> MPS-OPI			
	Ground-Fault Relay Test Equipment:		<input type="checkbox"/> SE-100T	<input type="checkbox"/> SE-400		
	Cable Connectors:					
	Manufacturer					
	Part Number or Rating					
	Dust Cover		<input type="checkbox"/> Yes	<input type="checkbox"/> No		
	Other:					

Delivery Date Required: _____

¹ See manuals to provide complete model number

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