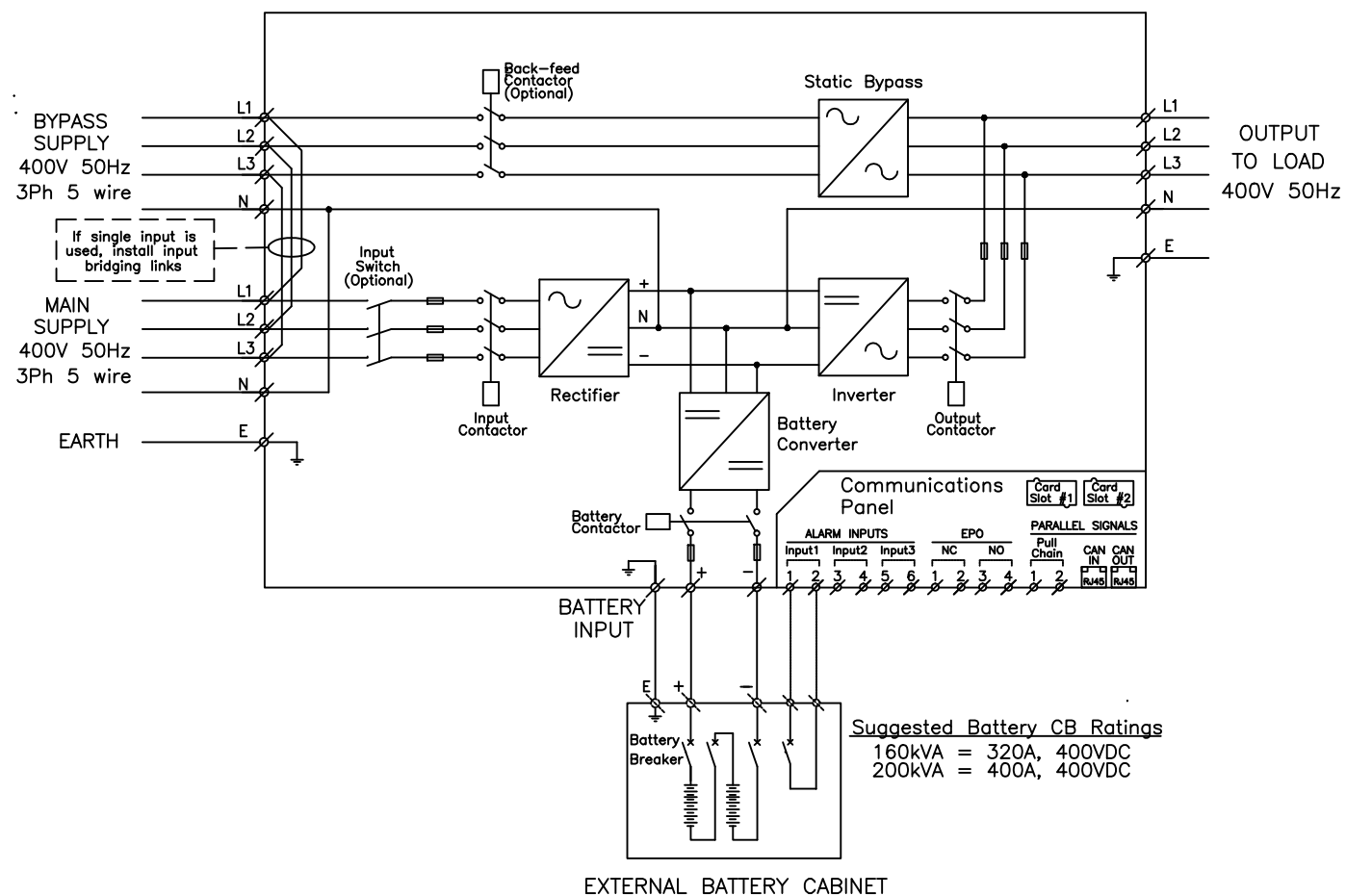
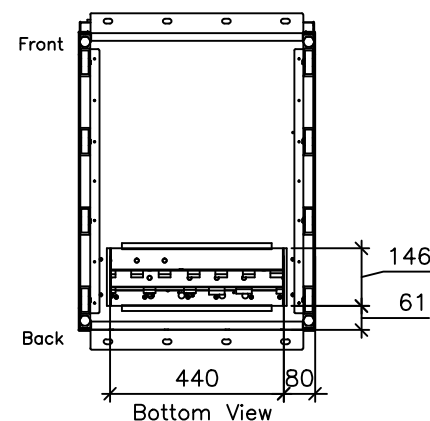
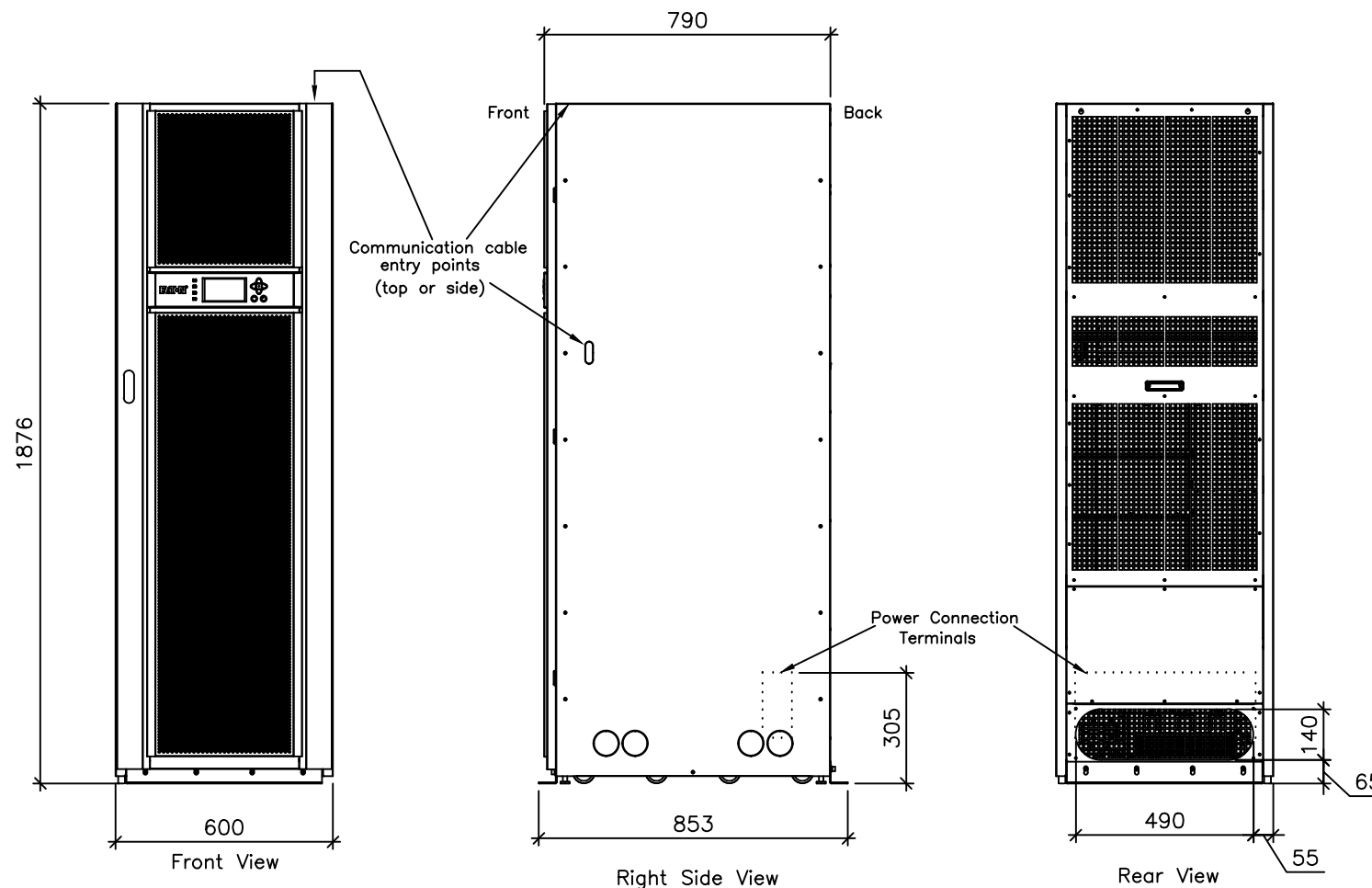


CONNECTION AND FUNCTIONAL DIAGRAM



EXTERNAL BATTERY CABINET



Rear Ventilation Clearance Requirements		
Ambient	160kVA	200kVA
25°C	≥150mm	≥150mm
30°C	≥150mm	≥300mm
35°C	≥200mm	≥400mm
40°C	≥400mm	≥500mm

Notes:

- The system must be installed on a level floor and in a clean environment suitable for electronic equipment.
- Ambient temperature range: 0–40C; Recommended operating range: 20–25C; Maximum relative humidity: 95% non-condensing.
- Minimum Clearances for ventilation & service around the UPS cabinet are:
Overhead of UPS: 500mm clearance required for ventilation
Rear of UPS: 600mm clearance required for service access is desirable, but not mandatory.
Observe minimum clearance required for air flow (refer to table) and allow sufficient space for cable installation.
Front : 900mm clearance in front of the UPS cabinet is required for User & Service Access
Side : No clearance required
- Bottom cable entry at front of cabinet or rear entry through removable gland plate
- All wiring and cabling is to be in accordance with National and Local Electrical Standards
- No provision for batteries within UPS cabinet
- Cabinet shown with bolt-down brackets fitted. These can be removed, UPS is fitted with wheels and levelling screws

UPS Installation Specifications

UPS Rating		Rated AC Input Voltage	Rated AC Output Voltage	Rectifier AC Input Current		Bypass Input current		Battery Current (40 batteries, 100% load at end of)	Inverter AC Output Current Continuous	Input & Output cable max. size	Battery cable max. size	Earth cable max. size	Net Weight	Floor loading		Air Flow Requirement
				Nominal	Maximum	Nominal	Maximum							Point Loading	Distributed Loading	
KVA	KW	VOLT	VOLT	AMP	AMP	AMP	AMP	AMP	AMP	mm ²	mm ²	mm ²	kg	Points/kg	kg/m ²	Litres/s
160	144	400/230	400/230	248	262	231	266	386	230	240	400	240	457	8/57	952	600
200	180	-15/+20%	400/230	309	327	289	332	482	288	240	400	240	457	8/57	952	800

*Drawings and UPS Specifications are subject to change.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES.

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