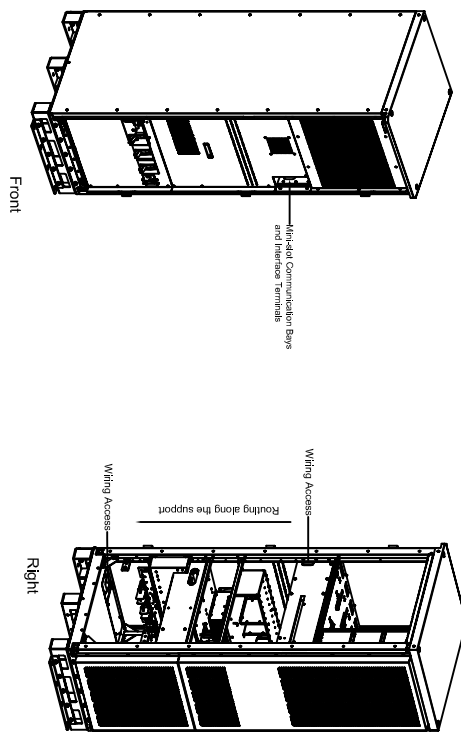
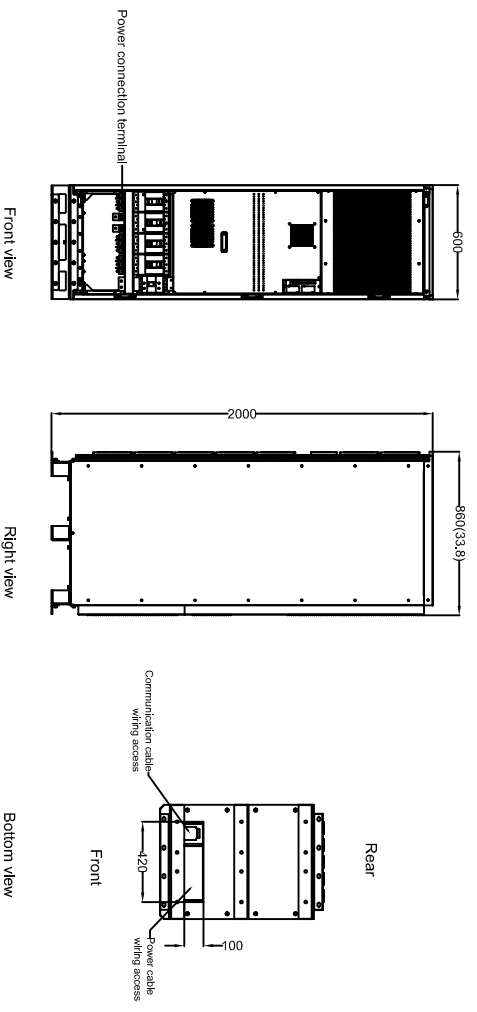


Single line diagram

- Note:
1. The system must be installed on a level floor and in a clean environment suitable for electronic equipment.
 2. Ambient temperature range: 0-40°C; Recommended operating range: 20-25°C; Maximum relative humidity: 95% non-condensing.
 3. Minimum Clearances for ventilation & service around the UPS cabinet are:
 Top: 500mm clearance required for ventilation.
 Front: 900mm clearance in front of the UPS cabinet is required for User & Service Access.
 Rear: 500mm clearance required for ventilation.
 Side: No clearance required.
 4. Only bottom cable entry for power and communication connection.
 5. All wiring and cabling is to be in accordance with National and Local Electrical Standards.
 6. No provision for batteries within UPS cabinet.

UPS RATING	Related AC Input Voltage	Related AC Output Voltage	Rectifier AC Input Current		Bypass Input Current		Battery Current(40 batteries, 100% load at end of discharge)	Inverter AC Output Current		Input Cable max size	Output Cable max size	Battery Cable max size	Earth Cable max size	Net Weight	Floor Loading Requirement	Air-Flow Requirement
			Nominal	Maximum	Nominal	Maximum		Continuous								
60	270	400/230	460	490	433	498	718	433		mm ²	mm ²	mm ²	mm ²	428	1500	472
			613	654	577	664	957	577		mm ²	mm ²	mm ²				
80	360	400/230	751	831	722	830	1197	722		4*240	4*240	4*240	14*150	428	1500	472
100	450	400/230														



Communication terminal and connection

Caution: If the external communication terminal block is not present, it is necessary to ensure the equipment is not under operation and isolated the equipment completely from all input and output sources before working on the communication circuit.

- Work on the communication circuit according to the below installation procedure:
1. Disconnect all input and output sources of power from the equipment.
 2. Check for hazardous voltages between all terminals including the protective earth.
 3. Ensure the equipment has no hazardous voltage.
 4. After working the circuit, the front cover plate that covered the parallel communication ports and the right panel of the UPS must be installed and tightened.