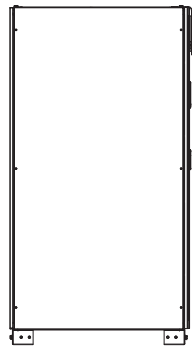
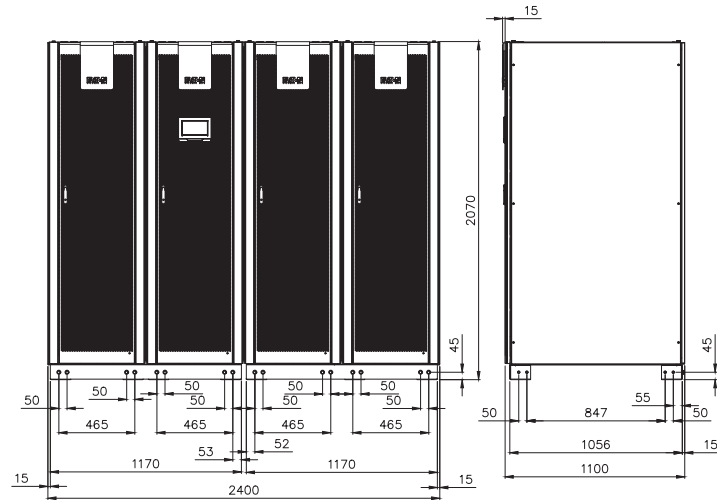


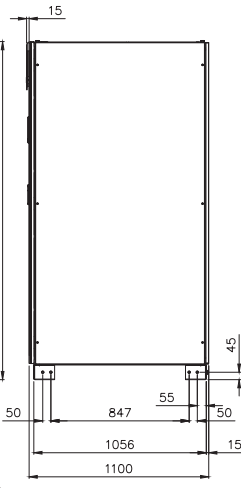
TOP VIEW



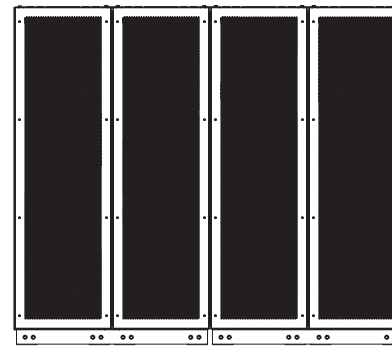
LEFT VIEW



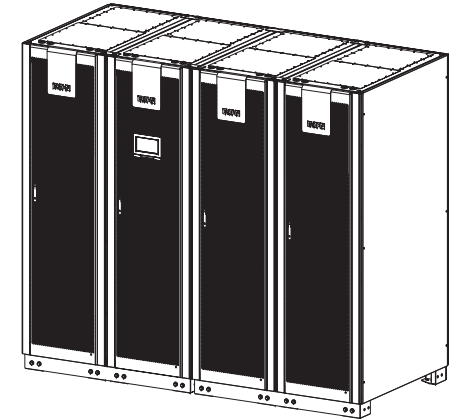
FRONT VIEW



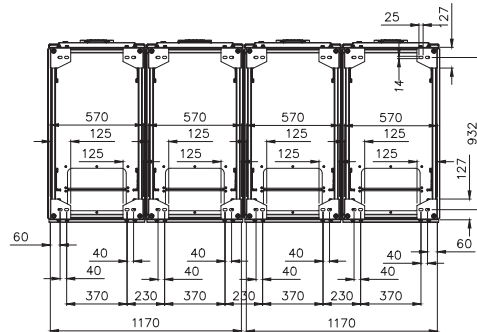
RIGHT VIEW



REAR VIEW



ISO VIEW



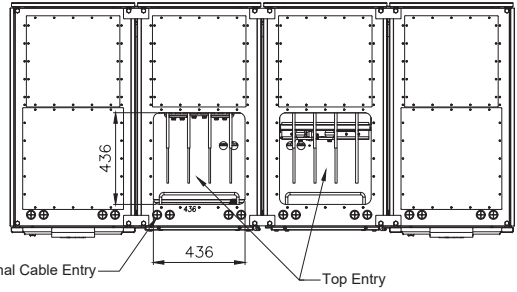
BOTTOM VIEW

Notes:

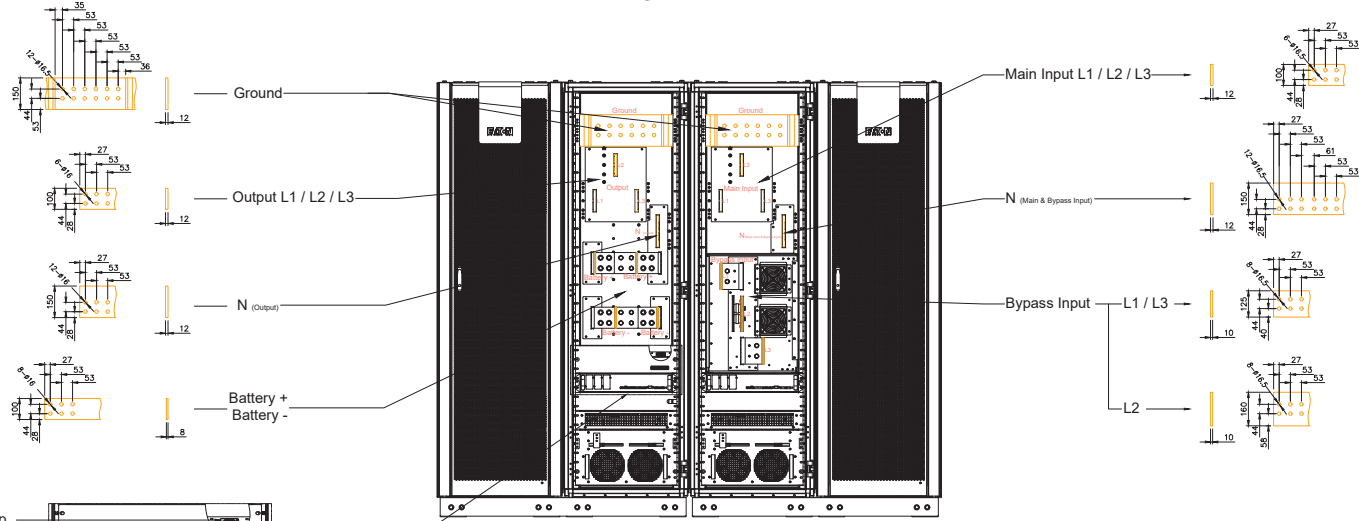
- The system must be installed in a temperature and humidity controlled indoor area free of conductive contaminants.
- Continuous ambient temperature range: 0-30°C; Maximum relative humidity: 95% non-condensing.
- Minimum clearance above the UPS cabinet for servicing is 300mm.
- Minimum clearance at the rear of UPS cabinet for ventilation is 800mm.
- Minimum 1000mm clearance in front of the UPS cabinet is required for cooling air intake and servicing space.
- Weight:
UPS cabinet weight: 1528kg.
UPM weight: 39kg each.
Total weight: 2308kg (20 UPM).
- Heat rejection: 42,993 kcal/hr.

REFERENCES	DWG. No.		REV	DATE	DWN	CHK	APP	DESCRIPTION

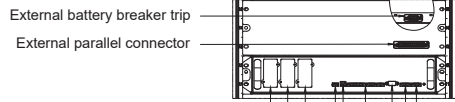
 Powering Business Worldwide	DRAWN: T.T.H. CHECKED: T.B. 13.08.21 13.08.21	APPROVED: [Signature] SCALE: NTS	FILENAME: A2GA0057Rev0	A2	
	EATON ELECTRICAL AUSTRALIA PTY. LTD. ACN: 500 500 644 10 Kent Road, Mascot NSW 2020		TITLE: GENERAL ARRANGEMENT 93PR FALCON 1.2MVA UPS		
AS-1100 THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES.		DRAWING NUMBER: A2GA0057	SHEET: 1 OF 3	REV: 0



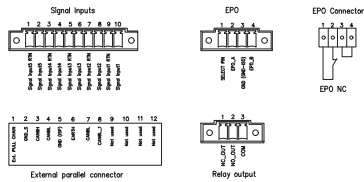
TOP VIEW



FRONT VIEW
DOOR OPEN COVER PANEL REMOVED



- External battery breaker trip
- External parallel connector
- Mini-slot 1
- Mini-slot 2
- Mini-slot 3
- USB host (connection to accessories)
- USB device (connection to computer)
- Signal inputs
- RS-232 port for service
- Emergency Power Off (EPO)
- Relay output



REFERENCES	DWG. No.	REV	DATE	DWN	CHK	APP	DESCRIPTION


REVISIONS	REV	DATE	DWN	CHK	APP	DESCRIPTION

 EATON Powering Business Worldwide	DRAWN: T.T.H. CHECKED: T.B. APPROVED: [Signature] SCALE: NTS FILENAME: A2GA0057Rev0	A2
	TITLE: GENERAL ARRANGEMENT 93PR FALCON 1.2MVA UPS	
EATON ELECTRICAL AUSTRALIA PTY. LTD. ACN: 500 500 644 10 Kent Road, Mascot NSW 2020	DRAWING NUMBER: A2GA0057 SHEET: 2 OF 3 REV: 0	

UPS rating		AC input	3P rectifier input		3P+ Bolted N Bypass		AC output	3P inverter output		Battery	
			Nominal current	Maximum current	Nominal current at 400V	Maximum current at 10% under voltage		Nominal current	Short circuit current	Nominal current	Maximum current
kVA	kW	V	A	A	A	A	V	A	A	A	A
1200	1200	400	1805	1900	1740	1950	400	1732	3600	2604	3125
1100	1100	400	1654	1742	1594	1765	400	1588	3420	2387	2865
1000	1000	400	1504	1538	1444	1604	400	1443	3060	2170	2604

UPS rating		Max Heat dissipation at 100% load	Dimension W x D x H	Approx. weight uppacked	Cooling air
kVA	kW	kW	mm	kg	L/s
1200	1200	48	2400 x 1100 x 2070	2308	3778
1100	1100	44	2400 x 1100 x 2070	2269	3463
1000	1000	40	2400 x 1100 x 2070	2191	3148

- Notes:
1. Rectifier AC Input current calculations: Nominal - 100% load without charging; Maximum - 100% load with maximum charging (Rectifier current limit).
 2. Inverter AC output current calculation; At 100% rated output load
 3. Inverter short circuit current 250A per UPM, 20 UPM for 1200kW UPS.
 4. The system must be installed on a level floor suitable for computer or electronic equipment.
 5. All wiring and installations must be in accordance with applicable National and Local Electric Regulations.
 6. AC Input to UPS; (3) phases, (1) neutral, (1) ground.
AC output to load: (3) phases, (1) neutral, (1) ground.
DC Input from battery to UPS; (1) positive, (1) negative, (1) ground.
 7. All breakers should be adjusted according to the specified Ampere values to protect the UPS and installation.
 8. For UPS installations that utilize single feed input, The input breaker should be configured according to the rated rectifier input current.
 9. Specifications are subject to change.

REFERENCES	DWG. No.	REVISIONS	REV	DATE	DWN	CHK	APP	DESCRIPTION	 <small>EATON</small> <small>Powering Business Worldwide</small>	<small>DRAWN</small> <small>T.T.H.</small> <small>13.08.21</small>	<small>CHECKED</small> <small>T.B.</small> <small>13.08.21</small>	<small>APPROVED</small> <small>SCALE</small> <small>NTS</small>	<small>FILENAME:</small> A2GA0057Rev0	A2
										<small>EATON ELECTRICAL AUSTRALIA PTY. LTD.</small> <small>ACN: 500 500 444</small> <small>10 Kent Road, Maroot NSW 2020</small>	<small>TITLE</small> GENERAL ARRANGEMENT 93PR FALCON 1.2MVA UPS			
										<small>AS-1100</small> <small>THIRD ANGLE PROJECTION</small>	<small>DRAWING NUMBER</small> A2GA0057	<small>SHEET</small> 3 OF 3	<small>REV</small> 0	
										<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES.</small>				