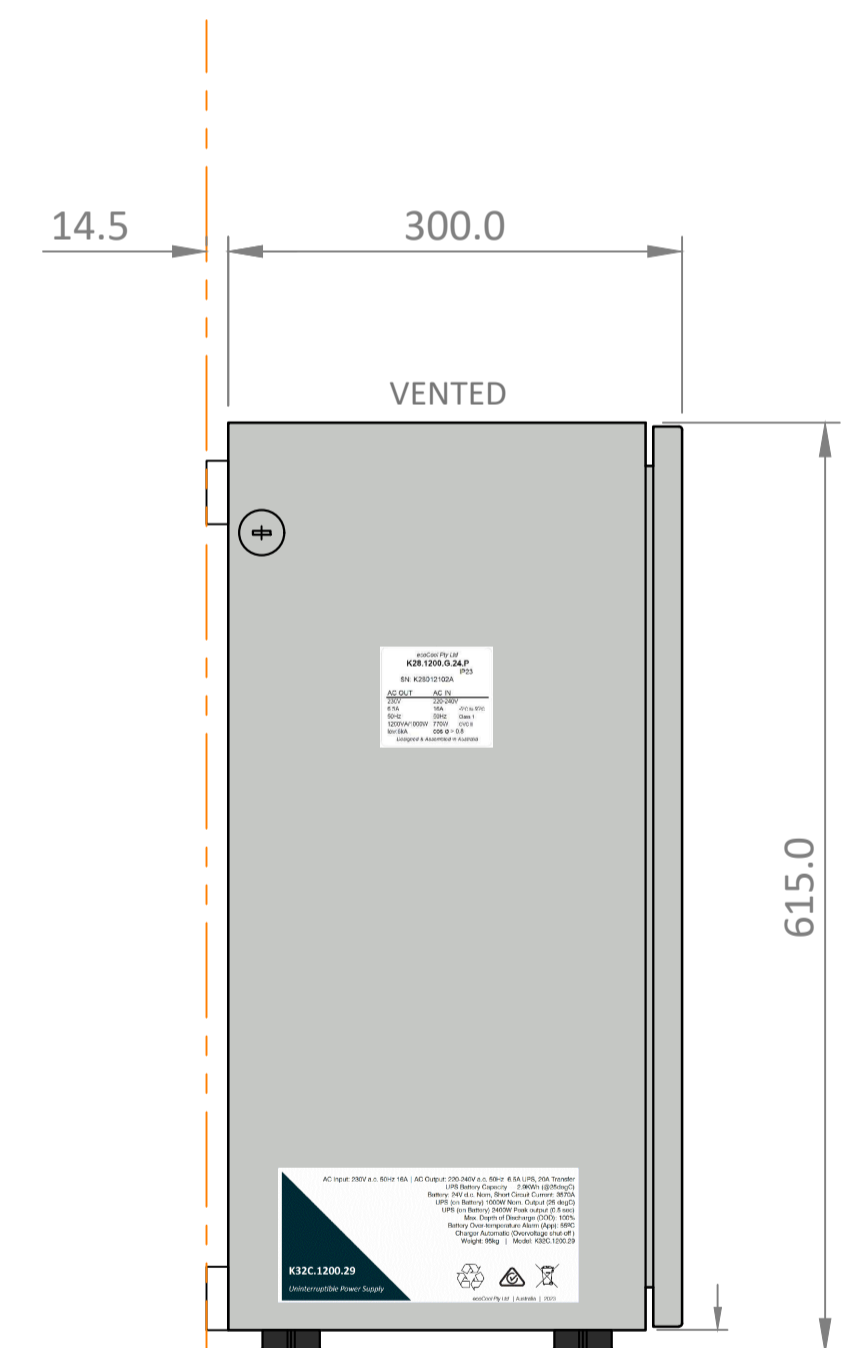
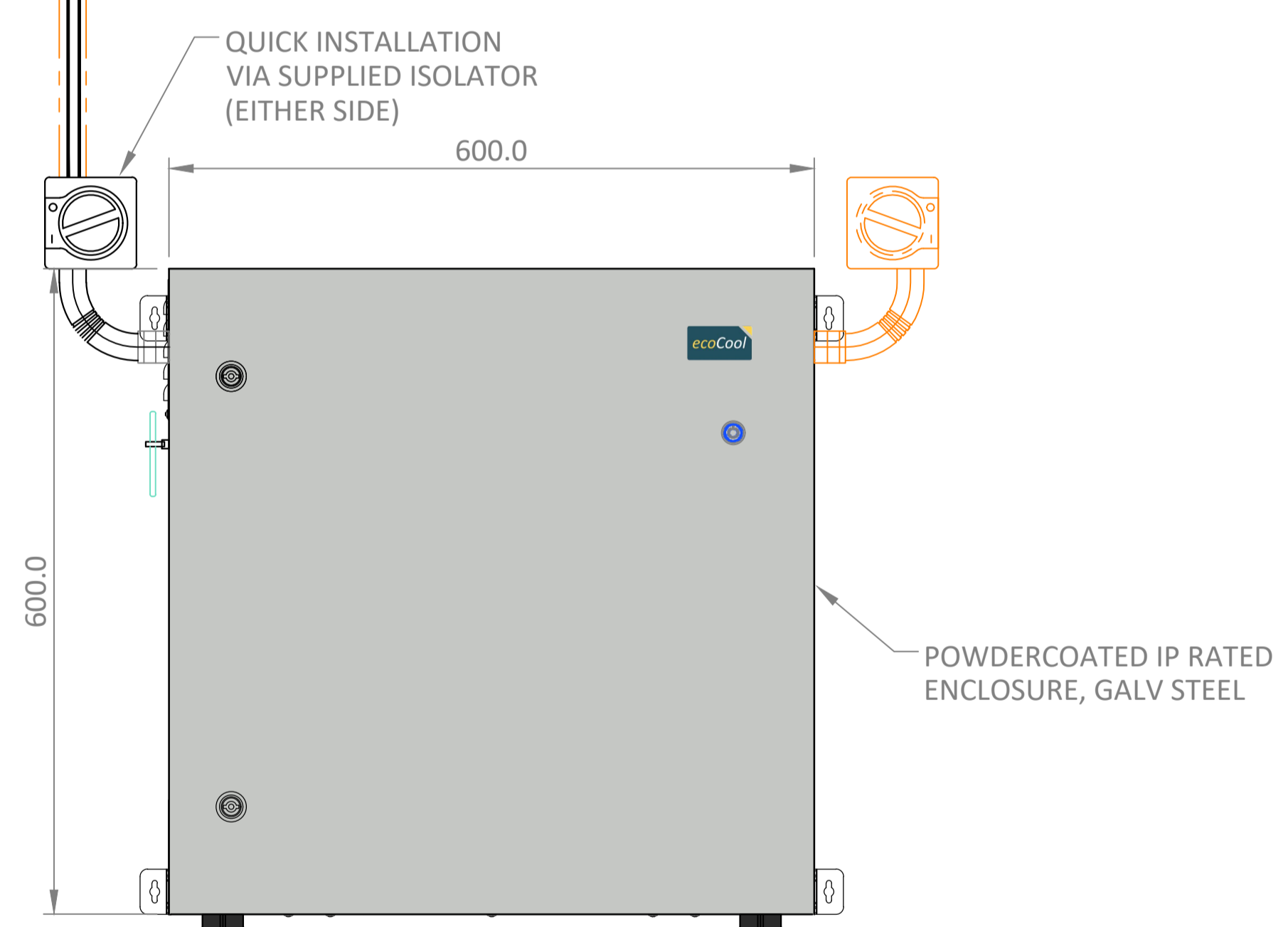


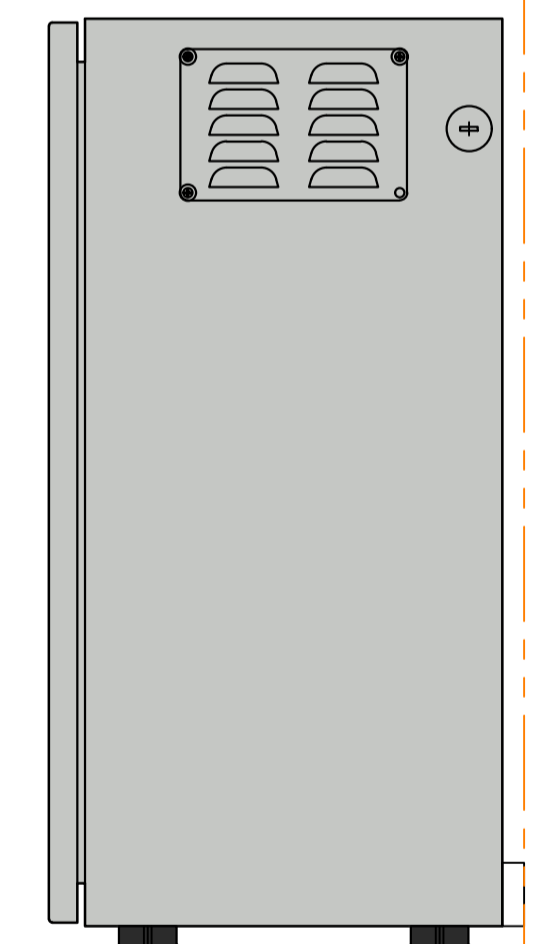
Feature	Specification
Model:	K32C.1200.29
Battery Capacity kWh:	2.88 kWh
Battery Size (Ah):	120
Battery Voltage:	24
Battery Type:	AGM Lead Carbon
Power Source:	Victron Sine Wave Inverter/Charger
Backup Power Output:	1000W / 1200VA
Persistent Grid Power Output:	2990 W
Grid Powered Max Output:	3910 W
Supplied Voltage:	230V AC / 50Hz
Battery Powered Current:	4.3 A
Grid Powered Current:	20 A
Fuse - Supply:	16 A
Fuse - Output circuit:	16-20 A
Battery Alarm:	Low Battery State of Charge (in App)
Safety Alarm:	Overheating alarm (in App)
Control Options:	VE.Bus dongle, Venus GX, BMN700
Enclosure Security:	Tool (keyed optional)
Enclosure type:	Galvanised Steel Steel (S/Steel 316 optional)
Enclosure colour:	Powdercoated Light Grey, RAL7035
Dimensions:	600W x 300D x 600H mm
Weight:	95 kg



SIDE VIEW



FRONT VIEW
SCALE 1:5



SIDE VIEW

Backup power duration, based on Power use

Power Use	Battery Size		
	2.4kWh	2.9kWh	4.1kWh
200W	9.6hrs	11.6hrs	16.4hrs
500W	3.8hrs	4.6hrs	6.6hrs
7000W	2.7hrs	3.3hrs	4.7hrs
1000W	1.9hrs	2.3hrs	3.3hrs

*Discharging to to 80% DOD

- ELECTRICAL SPECIFICATIONS:**
- POWER OUTPUT: 1200VA / 1000W
 - BATTERY FAULT CURRENT = 4200A
 - INTERNAL FUSE: 50A = MCB 2 POLE
 - MCB FAULT CURRENT: 6KA
 - MCB RATED FOR 360VDC MAX, BI-DIRECTIONAL
 - 33mm² CABLE FAULT CURRENT = 5000A (1S)
 - EXPECTED NOM. DC CURRENT: 50A (1.2KW)
 - EXPECTED MAX DC CURRENT: 100A (2.4KW)
 - DESIGNED TO CONFORM TO AS5139 2019, OR AS 62040.1:2019.

RevNo	Revision note	Date	Drawn	Checked	RevNo	Revision note	Date	Drawn	Checked
A	LABEL UPDATES	14/01/2024	CM	CM					

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Item	Quantity	Title/Name, designation, material, dimension etc	Article No./Ref.	Finish	Part No.
Tolerances U.N.O	±0.5 mm	Drawn C.MYATT	C.MYATT	12/09/2023	15
K32 1200VA 2.9KWh		AGM.LC BATTERY	SYSTEM ARRANGEMENT		
BACKUP POWER		K32C.1200.29-D01-01	Rev	A	A1