

INSTALLATION DETAILS
ADDRESS

INSTALLATION DATE 202

INVERTER

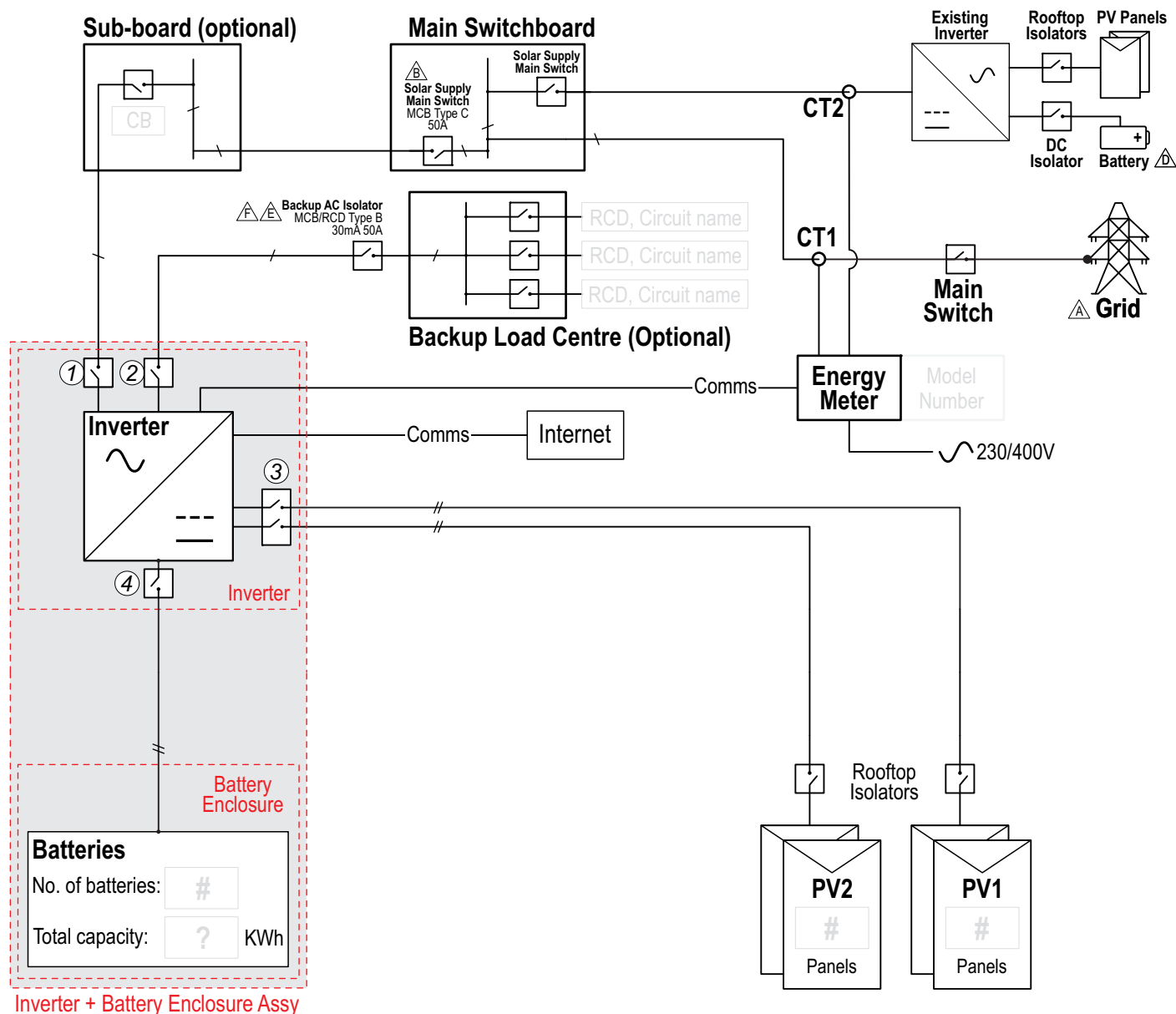
RB

BATTERY ENCLOSURE

RB

SH5000/6000-G3 SINGLE LINE DIAGRAM - AC-COUPLED INSTALLATION

Installer: Complete and retain for your site documentation



SH5000/6000-G3/SH-G3-BE Integrated Isolators

- ① Inverter AC Isolator 63A
- ② Backup AC Isolator 63A
- ③ PV Array DC Isolator 4P 55A @800V
- ④ Battery System DC Isolator 2P 125A

Other devices

Record details of installer selected devices (in grey boxes provided).

Notes:

1. This product must be installed with a continuous internet connection otherwise warranty will be affected.
2. This product is not warrantied for off-grid installation which is defined to be an installation at a premises that is intentionally unable to receive energy from a low voltage distribution Network.

F	Specified MCB/RCD Type B (was unspecified type)	AS	SW	10OCT2024
E	Specified MCB/RCD (was unspecified CB)	AS	SW	19JAN2024
D	Battery added to 3rd Party PV System	AS	SW	03JAN2024
C	Rating changed to 63A (was 12.5A)	AS	SW	03JAN2024
B	Rating changed to 50A (was 32A)	AS	SW	03JAN2024
A	Grid added.	AS	SW	03JAN2024

SCALE	NA
DRAWN	AS
CHKD	AK
APPD	

MATERIAL	
FINISH	

DESCRIPTION	SH5000/6000-G3 HYBRID BATTERY SYSTEM
DRAWING NUMBER	SINGLE LINE DRAWING
File:SHG3 Single Line Diagram v2.2.des	1
PART NUMBER	VERSION 2.1
SHEET OF 2	A4



Building 1015, 80 Meiers Rd,
Indooroopilly, QLD 4068 Australia
1300 240 182 www.redbacktech.com

INSTALLATION DETAILS

ADDRESS

INSTALLATION DATE / / 20

INVERTER

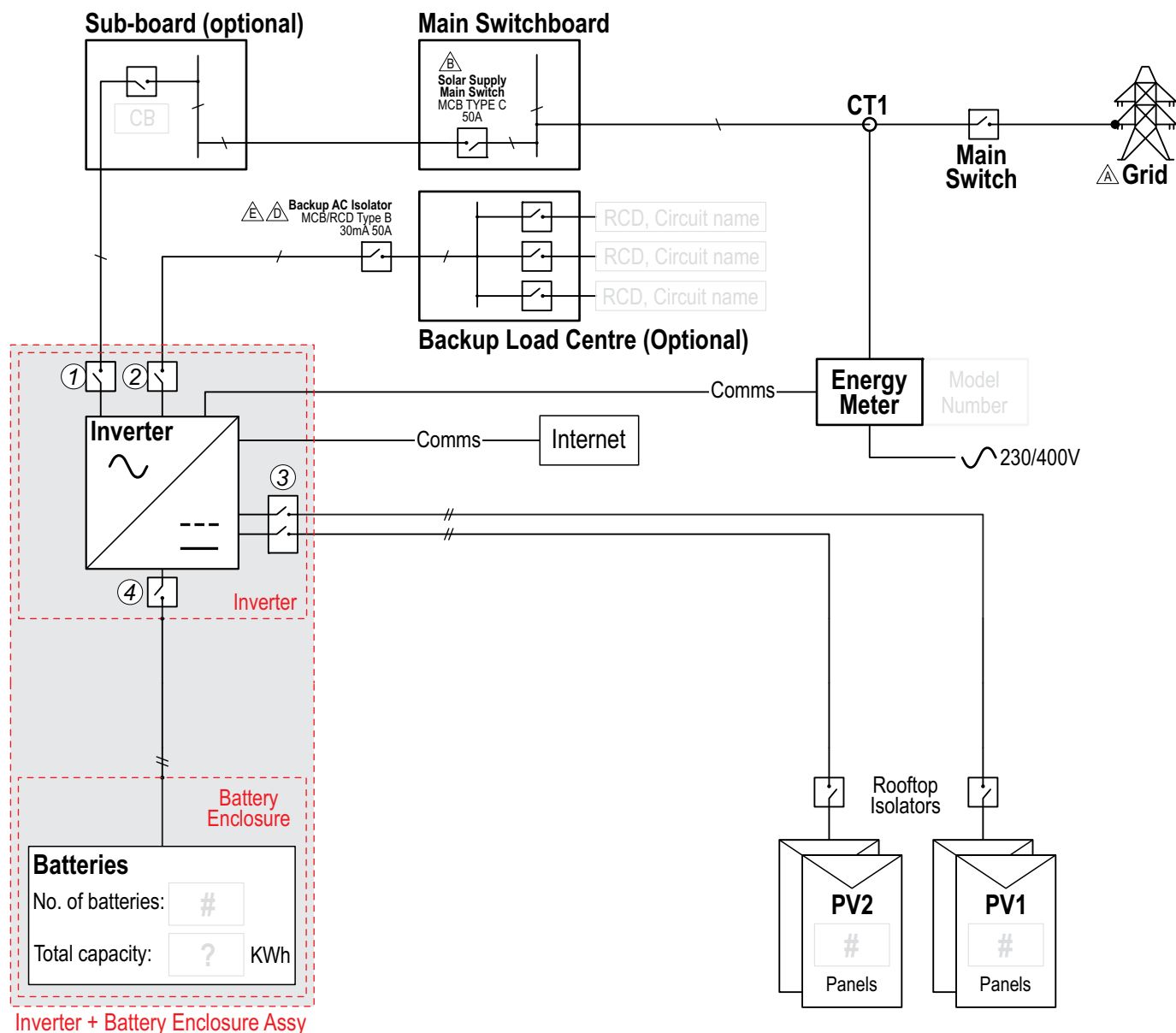
RB

BATTERY ENCLOSURE

RB

SH5000/6000-G3 SINGLE LINE DIAGRAM - INDEPENDENT INSTALLATION

Installer: Complete and retain for your site documentation



SH5000/6000-G3/SH-G3-BE Integrated Isolators

- 1 Inverter AC Isolator 63A
- 2 Backup AC Isolator 63A
- 3 PV Array DC Isolator 4P 55A @800V
- 4 Battery System DC Isolator 2P 125A

Other devices

Record details of installer selected devices (in grey boxes provided).

E	Specified MCB/RCD Type B (was unspecified RCD Type)	AS	SW	10OCT2024
D	Specified MCB/RCD (was unspecified CB)	AS	SW	19JAN2024
C	Rating changed to 63A (was 12.5A)	AS	SW	03JAN2024
B	Rating changed to 50A (was 32A)	AS	SW	03JAN2024
A	Grid added.	AS	SW	03JAN2024
ITEM CHANGE DETAILS		DRAWN BY		
DESCRIPTION		APPROVED		
SH5000/6000-G3 HYBRID BATTERY SYSTEM		DATE		
SINGLE LINE DRAWING				
AC-COUPLED INSTALLATIONS				
DRAWING NUMBER				
File:SHG3 Single Line Diagram v2.2.des				
PART NUMBER		VERSION	SHEET	A4
		2.1	2 OF 2	

SCALE	NA	MATERIAL
DRAWN	AS	DATE
CHKD	AK	DATE
APPD		DATE

FINISH	
--------	--



Building 1015, 80 Meiers Rd,
Indooroopilly, QLD 4068 Australia
1300 240 182 www.redbacktech.com