



Notes

BESS MV line 1 characteristics:

MV level (20.0 kVac):

- Total number of PCSs: 1
- Rated power: 5.5 MVA
- Storage Capacity: 12.0 MWh
- MV cables total length: 125.79 m

LV AC level 550 V:

- Storage Inverter: Generic Bidirectional
- Rated power: 2750.0 kVAac
- Total number of inverters: 2

LV DC level (800 V - 1300 V):

- Battery Container: 2000.0 kWh
- Total number of containers: 6

Legend

Input cubicles

Voltage detector

Earthing disconnector

On-load disconnector

Vacuum breaker

Transformer

Inverter

Fuse

Surge arrester

Battery Rack

00	FIRST VERSION	RP	2024-10-29
REV	DESCRIPTION	BY	DATE

FOR INFORMATION ONLY

www.ratedpower.com

Prepared for:
Amperecloud

PROJECT:

Webinar Amperecloud

DRAWING:

BESS Single Line Diagram
Line 1

SCALE:

Not to scale

SHEET:

1 / 1

REVISION:

00

DATE:

2024-10-29

DIN A2