

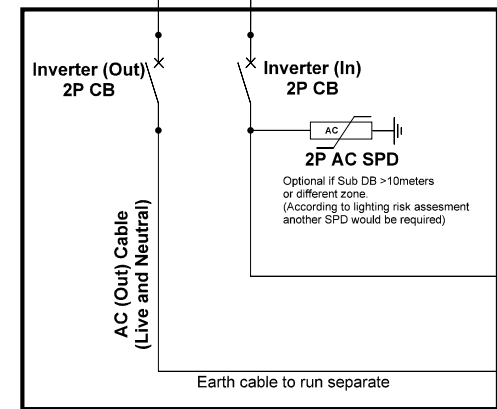
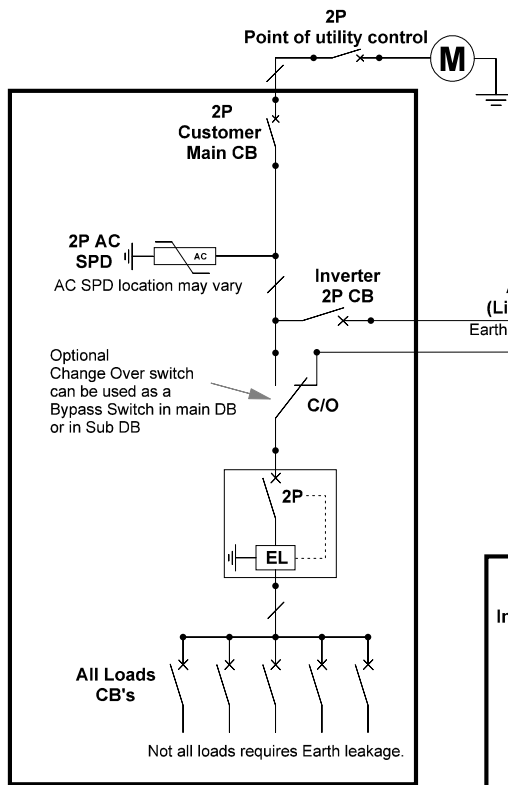
Notes:

Installation, Earthing, and bonding needs to comply with the latest version of the SANS 10142-1 and listed normative references and product specifications e.g.. SANS 60364-7-712 Systems with micro-inverters or power optimisers may have different wiring to that indicated in this drawing

Legend:

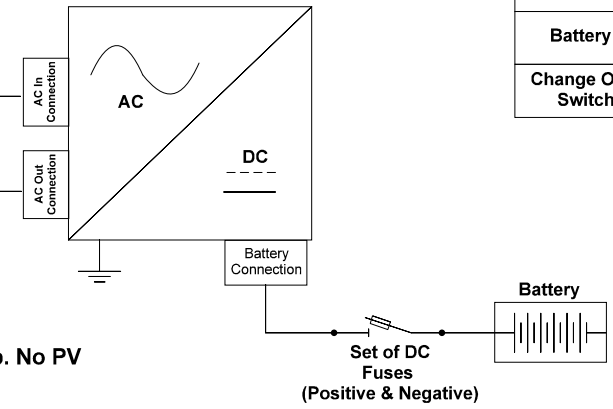
Utility electrical meter	
Circuit breaker (CB)	
AC rated Surge Arrestor	
Single Phase indicator	
Earth leakage (EL)	
Current Transformer	
2 (two) Pole	2P
DC rated fuse	
DC rated Surge Arrestor	
Earth connected symbol	
Inverter symbol	
Battery	
Change Over Switch	

Main (AC) Distribution board



Sub AC DB (Optional)

Hybrid/UPS Inverter With Storage



SEA
SSEG Only back up. No PV

REVISION:	Version 01	DATE:		PROJECT NAME:		SHEET
Municipal Embedded Generation Support Program Template A set of drawings showing acceptable layouts for a range of different systems www.sseg.org.za		EDITOR:		Small Scale Embedded Generator Back-up or UPS/Standby system		1
		INSTALLER:				
		SIGNOFF:		Description: Hybrid/UPS system - All loads Single phase	SCALE	OF 1
		PRINT NAME:			N/A	