



WARNING
MULTIPLE D.C. SOURCES
TURN OFF ALL D.C. ISOLATORS
TO ISOLATE EQUIPMENT

95x30mm

Solar Array Located _____

Short Circuit Current _____ A

Open Circuit Voltage _____ V

95x30mm




WARNING
Multiple Mode IES connected.
Neutral and Earth circuits may
be live under fault conditions.
Follow Shutdown Procedure

95x38mm



WARNING
Operating the
Main Switch
[Hybrid Inverter
Supply]
WILL NOT de-energise the Hybrid Inverter

95x38mm



WARNING
Multiple Supplies
Isolate ALL supplies at _____
before working on this switchboard
When operating in OFF GRID mode NEUTRAL and EARTH
circuits may be live even though active circuits are dead

120x40mm



WARNING
Essential supply circuits
will still be energised
during a grid outage
and / or when the Main Switch
[Grid Supply] is OFF

95x38mm

Multiple Supplies IES
Shutdown Procedure
Located in Main Switchboard

95x38mm

BATTERY SUPPLY

MAX D.C. VOLTS _____ Volts

SHORT CIRCUIT CURRENT _____ Amps

85x30mm

SHUTDOWN PROCEDURE

1. Turn off

Main Switch
[Hybrid Inverter
Supply]

 located _____

2. Turn off

Main Switch
Essential Circuit
Supply]

 located _____

3. Turn off

PV Array
D.C. Isolator

 located _____

4. Turn off

Battery Bank
D.C. Isolator

 located _____

120x60mm

ES

Battery Chemistry:
LITHIUM IRON PHOSPHATE
UN No.: 3480

Diameter 70mm Reflective

Main Switch
[Grid Supply]

Hybrid Inverter
A.C. Isolator

Main Isolator
[Essential Supply]

Main Isolator
[Grid Supply]

PV Array
D.C. Isolator

Main Switch
[Essential Circuit
Supply]

Main Switch
Hybrid Inverter
Supply]

PV Array
D.C. Isolator

40x20mm

PV

Diameter 70mm Reflective

Diameter 70mm Reflective

Hybrid Inverter Located

Battery Bank Located

55x20mm

55x20mm

Battery Bank D.C. Isolator
[Follow Shutdown Procedure
Before Operating]

Battery Bank D.C. Isolator
[Follow Shutdown Procedure
Before Operating]

65x26mm

DANGER

RISK OF BATTERY EXPLOSION

**NO SMOKING
SPARKS
FLAMES**



150x150mm

ELECTROLYTE BURNS
Immediately wash affected area with
plenty of water, then.....

SKIN BURNS
1. if possible, remove or
saturate contaminated
clothing with water.
2. If patient is distressed,
take patient to doctor.

EYE BURNS
1. Immediately wash eye with
large amounts of water using
emergency eye wash bottle.
2. All cases of eye burn, after
rendering first aid, take
patient immediately to a
doctor.

NOTE: Doctor must be advised of type of burn.
(a) Lead/acid battery - dilute sulphuric acid electrolyte.
(b) Nickel/cadmium battery - potassium hydroxide alkali
electrolyte.

PRECAUTION: 1. Always wear protective clothing when
dealing with electrolyte.

150x150mm

WARNING
SPARK HAZARD
Follow shutdown procedure before
connection or disconnecting
any equipment.

SHUTDOWN PROCEDURE

1. Turn off

Main Switch
[Hybrid Inverter
Supply]

 located _____

2. Turn off

Main Switch
Essential Circuit
Supply]

 located _____

3. Turn off

PV Array
D.C. Isolator

 located _____

4. Turn off


Battery Bank
D.C. Isolator

 located _____

AS 4059.1 3.5e

AS 4086.2 2.8.2

150x150mm



WARNING
HAZARDOUS D.C.
VOLTAGE

Solar D.C. cables in conduit have
been installed in this ceiling space.
The conduit is labelled ‘SOLAR’
and care must be taken while
working nearby. The internal
solar D.C. cables may be live and
must not be disturbed or damaged.

200x200mm




**WARNING: PV STRING
DISCONNECTION POINT**




**WARNING: PV STRING
DISCONNECTION POINT**


150x30mm




WARNING: LOADS MUST BE ISOLATED
AND CIRCUIT MUST BE TESTED
FOR THE ABSENCE OF CURRENT
BEFORE UNPLUGGING



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70x20mm

PV
DP

Diameter 100mm, Reflective