



Checklist – SMA inverters in Synergy ESM using Sunny Portal

For [AS/NZS4777.2:2020 Compliant](#) SMA inverters connected to SunnyPortal.com and to the Synergy network where Emergency Solar Management is required.

Note: This document is only for registered **exporting systems ≤5kVA** (inverter capacity)

<input type="checkbox"/>	1	Inverter(s) commissioned with AS4777.2:2020 Region B country standard
<input type="checkbox"/>	2	Inverter(s) connected to internet router via Wi-Fi or ethernet cable
<input type="checkbox"/>	3	All inverter(s) registered to one PV system in www.SunnyPortal.com PV System name in Sunny Portal:
<input type="checkbox"/>	4	<p>In SunnyPortal.com →  Configuration → User Management</p> <p>- Owner of PV system added with "User" role and nominated as "System owner"</p> <p>Roles:</p> <ul style="list-style-type: none"> <input type="radio"/> Guest <input checked="" type="radio"/> User (Standard) <input type="radio"/> Installer <input type="radio"/> Plant Administrator <p>Owner: <input checked="" type="checkbox"/> System owner</p> <p>Owner's Email Address:</p>
<input type="checkbox"/>	5	<p>In Sunny Portal →  Configuration → PV System Properties → PV System Data → National Metering Identifier</p> <p>- NMI number must be exactly 10 digits. If the site's NMI number is 11 digits, <u>only enter the first 10 digits starting from the left</u></p> <p>National Metering Identifier: <input type="text" value="2xxxxxxxxx"/></p> <p>NMI Number:</p>
<input type="checkbox"/>	6	The installer has explained to the System Owner that they will receive an email from SunnyPortal requesting access for the new Emergency Solar Management requirements. System Owner understands access must be granted to allow the PV system to be compliant with the Emergency Solar Management requirements.
<input type="checkbox"/>	7	<p>The Installer has explained to the System Owner (i) the requirements of the Emergency Solar Management program, (ii) SMA is nominated as the Technology Provider, (iii) the System Owner understands their obligations such as maintaining a working internet connection.</p> <p>Installer name: _____ System Owner name: _____</p> <p>Signature: _____ Signature: _____</p>

Additional resources - SMA

This checklist is designed to assist installers commission inverters correctly for new Emergency Solar Management requirements in Western Australia. Inverters must be commissioned/registered in this manner to be compliant with regulations. This document can be used as a guide and/or a record to be kept with the installer and/or PV system owner. This document does not need to be sent to SMA.

Additional resources – WA Gov, Emergency Solar Management

Synergy, Emergency Solar Management Homepage:

<https://www.synergy.net.au/global/esm-solar-industry>