

Chromagen Australia
Scope of Installation Works - Solar Power

Effective: 1st January 2024

**Section 2A. Standard Pre-wire
(Three Phase)**

Scope of works for Solar Power (PV – Photovoltaic) Installation:

All installation components must be in accordance with AS5033, AS3000, AS4777, AS1170.2 complying with all legislated Federal, State and local Government requirements.

The following scope applies to systems installed on the following Distribution networks.
For systems types/sizes not shown below the scope will be agreed on a case by case basis.

System Limitations and Notes

System Limitations by Distributor:

Please refer to separate Chromagen Australia documentation covering distributor requirements

IMPORTANT NOTES:

- Additional costs will apply for connection applications for systems outside of the limitations specified in the table above.
- Safe and clear access is required for all works.
- Fall protection is the responsibility of the customer
The below is required for each according installation:



Single Storey
Pitched Roof (up to 25°)
Guard Rail Protection Required



Double Storey
Pitched Roof (up to 25°)
Platform Edge Protection Required



Double and Three Storey
Flat Roof
Roof Access Hatch Required

- Additional site visits due to access restriction and / or site not being ready will incur rebooking fees
- Stage 1 must be completed after the roof cladding has been installed and prior to any internal plastering/cladding is installed. This is to allow access through the frame for cabling and conduit. Additional costs may apply if access for cabling is restricted or unavailable.
- Suitable substrate must be provided in the garage for mounting, allowing up to 45kg for any inverter and up to 25kg for any charger.
- No battery will be fully wall mounted and will always sit on the ground.
- Pre-approvals are not guaranteed – Whilst Chromagen will facilitate the requirements to apply for pre-approval, they are subject to being accepted or rejected by distributors, which is outside the control of Chromagen. Additional export limiting devices and associated works are not covered under this scope of works.
- Pre-approval and connection works excluded on embedded networks.

WARNING: Not all roof types/materials are suitable for solar PV installations. Systems cannot be installed on slate or sites where asbestos may be present and disturbed.

Standard Pre-wire (Three Phase)

Stage 1 of 1 - Installation of standard PV Prewire –
single phase to suit 2MPPT inverter up to 5kW only
A3105S (Single Storey) & A3105S (Double Storey)

- Three Phase, AC cabling from Main switchboard to inverter location (MAX 15mtr).
- DC cabling + earth in HD conduit in roof cavity to proposed inverter location (MAX 15mtr).
- All Cables capped off. Left in the wall, switchboard and roof cavity and clearly marked.
- Detailed plan marking the location of the cables attached with the CES.
- Electrical inspection & Certificate of electrical safety.

Options:

- Single Storey.
- Double Storey.

NOTE:

- **Single visit only.**
- **Conduit and cabling prior to plastering.**
- **Capping off cables external to the wall not included (if cables brought through by builder).**
- **Data cables not included.**