



Maximize
power generation
while prioritizing
the needs of
your crop ”

DCU sunberry,
the most innovative
solution in the market
for the **agrivoltaic sector**,
that adapts to your needs

5 KEY FACTS

Configuration: The options shown are currently tested in different solar plants:

- 1 Main TCU STR150 or STB150 and 1 Secondary
- 1 Main TCU STR150 or STB150 and 2 Secondary
- Ground-level Main TCU STB150 and 3 upper-level Secondary ones for a maximum of 3 motors

Software: The tailored SCADA allows you to easily command priority orders for your crop's specific needs.

Communications: Communications in agrovoltatics benefit from reduced interference from the trackers so you can connect more Secondary devices than in the Utility Scale.

Algorithms: DCU Sunberry is compatible with Overcast and iStow.

Our solution includes a ground-level **Human Machine Interface (HMI)**, allowing you to control the tracker easily and safely in case of any issue.

DATA SHEET

MAIN TCU MODEL

String Powered 150
(with or without backup battery) / AC150

MOVEMENT OPTIONS

Sequential

MAIN-SECONDARY COMMUNICATION

PLC through dedicated umbilical cable

NCU-MAIN COMMUNICATION

Zigbee (Encrypted)

INDEPENDENT ROW BACKTRACKING

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OVERCAST



iSTOW



CUSTOMIZED TRACKER POSITIONING DEPENDING ON CROP NECESSITIES



POSSIBLE GROUND-LEVEL INTERFACES

Motor pause (not E-Stop)
LED and function button
Local service port

MAIN'S OPERATING MODE

1 Main device controls 1,
2 or 3 Secondary ones

SECONDARY'S OPERATING MODE

Sequential

RECOMMENDED APPLICATIONS

Agrivoltaics

Discover the Suntrack Ecosystem

