suntrack Low temperatures high durability

-58 -40

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-50

-4 14 32 50 68 86 104

SELF POWERED / STRING POWERED (WITH BACKUP BATTERY)

-10

0 10 20

TEMPERATURE (°C)

GBID POWEBED / STRING POWEBED

SELF POWERED LOW TEMPERATURE

-20

-40 -30

Discover our TCU Self-Powered Solution, built to withstand the most extreme conditions.

This technology has been deployed in over **25,000 devices**

5 KEY BENEFITS

Extreme conditions	The performance of this technology has been tested in temperatures as low as -30 $^{\circ}$ C / -22 $^{\circ}$ F.
No special needs required	This self-powered TCU only requires a standard 60W PV panel and a 6Ah heatered battery.
Batteries	The lithium batteries are protected by insulating material and thanks to the software configuration we ensure the internal battery temperature never drops below 5 °C / 41 °F.
Easy installation	This TCU device, like all Suntrack products, is fixed in a sturdy enclosure that holds the power system, a motor driver, communication system, inclinometer and computing unit.
Quality	This TCU model is certified in IEC and UL standards and is available in all of Suntrack's production plants: Albuquerque (USA), Alonsotegi (Europe) and Kunshan (China).

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