

NX FUSION PLUS

SOLAR + STORAGE SOLUTION

SMARTER POWER, HIGHER PROFITS

NX Fusion Plus™ by NEXTracker is a complete solar + storage solution that integrates the latest, best-in-class solar tracker, battery, inverter, and software technologies to deliver better return on investment to owners of solar power plants. By incorporating battery storage technology into its product, NEXTracker is further increasing the energy output and duration of solar power plants, just as tracking technology did for fixed-tilt solar applications. Our solar + storage solution will ultimately offset grid load and allow customers to use more solar and storage throughout the day, broadening the shoulders of the PV generation curve.



STORE MORE FOR LESS

Prior to the advent of solar trackers, fixed-tilt systems were the only mounting option for PV and delivered a single output profile. With the evolution of solar power plants and accompanying technologies – such as NEXTracker's advanced self-powered tracker– the solar generation curve broadened, delivering more energy production to owner-operators.

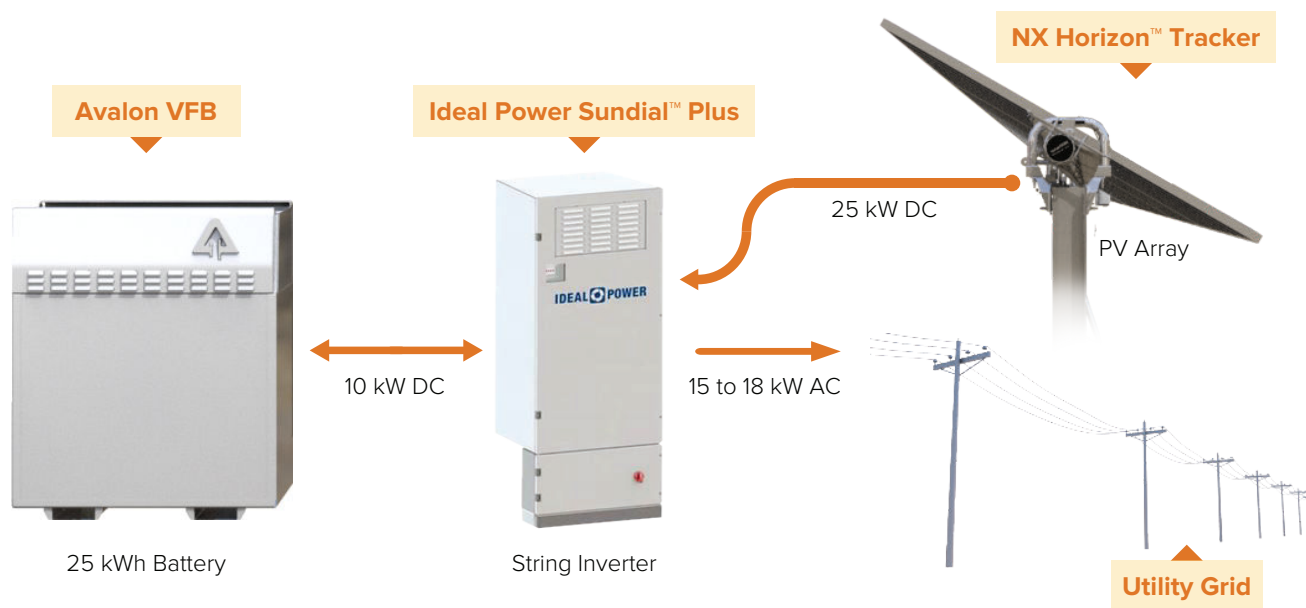
NX Fusion Plus now offers an even more exciting and unique value proposition: it enables customers to use more solar energy throughout the day while simultaneously lowering their electricity bills. As the #1 solar tracker supplier worldwide, NEXTracker

is able to achieve economies of scale with parent company, Flex. In order to bring solar + storage into the mainstream, NEXTracker leverages Flex's secure data platform with NEXTracker's predictive smart control software, which is already embedded in the tracker's electronics. With NX Fusion Plus, our tracker becomes the data acquisition backbone of the plant, offering complete system analytics and monitoring. The solution enables higher return on investment than solar alone because we can now utilize more clipped energy and offset demand charges for end users - dispatching uninterrupted clean energy in the most effective manner possible for our customers.

"We are excited about the new opportunities that NX Fusion Plus™ opens up for our agricultural customers," says Dylan Dupre, CEO of CalCom Solar. "It's a perfect match for distributed generation power plants. With large-scale storage and smart software and controls, our customers will have a solution that lowers their energy bill and peak hour demand charges. We're anticipating an enhanced ROI from the savings NX Fusion Plus™ can create through demand management and energy load shifting."

- Dylan Dupre, CEO of CalCom Solar

NX FUSION PLUS OPERATIONAL DIAGRAM



NX FUSION PLUS FEATURES & BENEFITS

NX HORIZON™ TRACKER & PV MODULES

- Self-powered tracker – no grid power required
- Integrated back-up battery
- 120° (+/- 60) tracking range
- 300-350 W monocrystalline
- Optimized mounting rails

NX MACHINE LEARNING & SOFTWARE OPTIMIZATION

- Predictive analytics to maximize project IRRs
- Digital O&M™ to resolve potential issues in the field remotely
- Automated commissioning
- Flex Connect™ cyber-secure communications
- Data security / NERC CIP compliant

AVALON VF (VANADIUM FLOW) BATTERY

- 10 kW/nominal, 15 kW/peak
- 25 kWh energy rating
- 100% depth of discharge (DOD)
- Integrated thermal management and BMS
- 10 year all-in warranty and capacity maintenance, extended warranty available

IDEAL POWER SUNDIAL™ STRING INVERTER

- 3 port storage enabled design
- 30 kW rating
- 95% CEC, 95.5% peak efficiency
- String level monitoring
- 10 year standard warranty