



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. Our solar + storage solution increases net energy delivered while broadening the shoulders of the PV generation curve and smoothing out weather induced PV generation volatility. At the core of the system lies an advanced Vanadium Flow Battery (VFB) that exhibits little to no degradation, even under extreme duty cycles (unlike lithium-ion batteries which degrade rapidly and require regular replacement). In addition, the battery is DC-coupled with the PV array, thereby dramatically improving round trip inverter efficiency versus typical AC-coupled battery systems. Also, energy that had been traditionally "clipped" and lost, is now captured and available to generate revenue.

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.

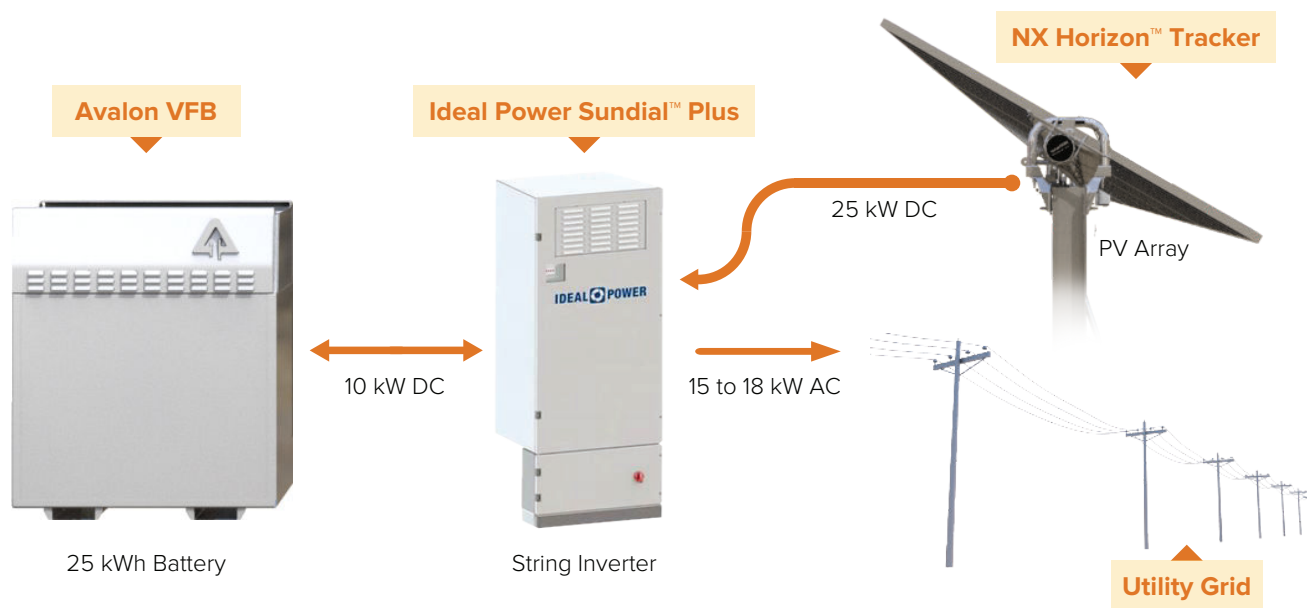
NX Fusion Plus now offers an even more exciting and unique value proposition: it enables customers to store solar energy and deploy it when it is best utilized. As the #1 solar tracker supplier worldwide, NEXTracker has achieved significant economies of

scale alongside 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. 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 you can now elect to deliver the energy when it produces the most financial benefit, be it for demand charge reduction, load shifting or energy arbitrage.

"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
- Optimized for 72 cell modules
- 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
- Integrated thermal management and BMS
- Up to 30 years Capacity Maintenance Service Agreement
- 30+ year lifespan
- 100% DOD with <1% lifespan degradation
- Ships wet, no battery assembly required

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