

## String Inverter Value Proposition

- ✓ Maximum Energy Harvest
  - 96.5% CEC Efficiency - Higher CEC Rebate (CA), better ROI
  - 140 V - 530 V MPPT voltage range - Long harvesting time
  - 99.5% MPPT Efficiency - High speed (< 1 second dynamic response) and accurate (absolute/relative discrimination) with scan function
  - Operating ambient temperature range -25°C / +60°C (output power derating above 50°C) - High Power in hot conditions
  
- ✓ Design Flexibility
  - Dual MPPT circuits - Multiple strings of various lengths and orientations
  - 90V to 580V input range - Wide String Length availability
  
- ✓ Reliability
  - Passive Cooling – Natural Convection cooling with no moving parts
  - Non operating ambient temperature range -40°C / +70°C
  - NEMA 4X Enclosure - Environmentally sealed with NO FANS
  - Conformal coating of electronic assemblies - Withstands extreme humidity.
  - < 0.2% Field Failures - field proven and designed to exceed 25-year life.
  - 10 year standard warranty (can be extended to 20 years) – designed to last >25 years
  
- ✓ Installation & Maintenance
  - Front Mounted Heat Sink - resists contamination, enhancing cooling
  - Compact Size & Weight - aesthetically pleasing, one person installation
  - One person installation using included Aurora Easy Install mounting plate
  - Available with and without Integrated (NEC approved) DC Switch
  - Embedded RS-485 and USB Interfaces included - for local/remote communication, special settings and troubleshooting
  - Integrator friendly RMA process - Reimbursement fee, Advance Shipment of Replacement units
  - Technical Support - Local FAE's to support integrators and Building Departments. Toll free phone number staffed for direct technical support.
  - Wireless communication solution for homeowner (PVI Desktop)

## Central Inverters Value Proposition

- ✓ Maximum Energy Harvest
  - 96.5% CEC Efficiency - High efficiency with LV transformer
  - 98% CEC Efficiency (98.6% peak) TL inverter- High efficiency with MV transformer
  - 99.9% MPPT Efficiency with sweep ability - High speed and accurate
  - Multiple Independent MPPT Circuits in Multi-Master Configuration - Optimize energy harvesting
  - Operating ambient temperature range -25°C / +60°C (output power derating above 50°C) - High Power in Hot Conditions
  
- ✓ Design Flexibility
  - Functionally Independent 50kW inverter modules - multiple array configurations
  - Non operating ambient temperature range -40°C / +70°C
  
- ✓ Reliability
  - Modular Architecture - reduces susceptibility to single point faults, and minimizes energy loss
  - NEMA 3R Enclosure - outdoor environmental protection
  - Conformal coating of electronic assemblies - Withstands extreme humidity.
  - < 0.2% Field Failures - field proven and designed to exceed 25 year life.
  - 5 year standard warranty (can be extended to 20 years) - backed by highly bankable company
  
- ✓ Installation & Maintenance
  - Swappable 50kW modules - Front access to all key components and connections. No need to shutdown the system.
  - VAR control - Up to 10% of nominal power (lagging or leading)
  - Embedded RS-485 Communication - For local/remote communication, special settings and troubleshooting
  - Integrated DC disconnect switch for each 50kW module – Lower BOS costs
  - Integrator friendly RMA process - Reimbursement fee, Advance Shipment of Replacement units
  - Technical Support - Local FAE's to support integrators and Building Depts. Toll free phone number staffed for direct technical support.