

HITACHI

Product Portfolio

Grid Tied Solar Inverters

Unlock the True Potential of Your Solar Energy System

Grid Tied Solar Central Outdoor Inverters

HIVERTER NP215L Series - (1500 VDC)
MW Scale: 3.34 MW, 3.125 MW, 2.5 MW

- Outdoor IP54 with Electronics IP65 unit: Savings on outdoor civil construction or containerized solution
- 3 level PWM technology to achieve Euro Efficiency @ 98.6% at Min. DC Input Voltage considering similar outdoor category
- Night time reactive power compensation function
- MPPT controllers having voltage range 950 to 1300 V
- LVRT & HVRT as per CEA
- Easy to install & maintain
- Low auxiliary power consumption due to variable fan speed control according to power feeding
- DC over power loading up to 200%



Grid Tied Solar Central Inverters

HIVERTER NP201i Series - (1000 VDC)
kW Scale: 250 kW, 500 kW, 630 kW, 670 kW, 715 kW
MW Scale: 1 MW, 1.25 MW, 1.34 MW, 1.43 MW, 2.5 MW
(1.25 MW x 2)

- PWM Inverter technology resulting in reduction of losses, low harmonic output current (< 3%) & improved efficiency
- Dynamic reactive power controlling
- Reactive power control
- Suitable for handling DC overloading capacity up to 140%
- Widest MPPT range
- Flexible output AC voltage suitable for retrofitting jobs
- Low current harmonic distortion
- Lowest auxiliary consumption
- Rated power @ 0.95 pf at 50°C
- 2.5 MW containerized solution with compact container size of 4.7 mtr



Grid Tied Solar String Inverters

HIVERTER-Si-N Series - 1.1 kW to 6 kW (Single Phase)

- Low sensitivity to the grid disturbance to avoid unnecessary disconnection from the grid
- Up to 2 independent MPPT to ensure optimal energy harvest
- Wide operating temperature range from -30°C to 60°C
- IP 65 protection for Indoor & outdoor application
- Type III SPD (Surge Protection Device)



Grid Tied Solar String Inverters

HIVERTER-Si-N Series - 3.3 kW to 50 kW (Three Phase)

- True three phase bridge, transformer-less topology
- Wide DC input range
- 2 MPPTs (3 kW to 24 kW), 3 MPPTs (25, 30, 33, 36 kW), 4 MPPTs (40, 45, 50 kW)
- Wide operating temperature range from -30°C to 60°C
- IP 65 protection for Indoor & outdoor application
- Type II SPD (Surge Protection Device)
- String current monitoring

Grid Tied Solar String Inverters

HIVERTER-Si-N Series - 80 kW, 110 & 125 kW (Three Phase)

- True three phase bridge, transformer-less topology
- Wide DC input range
- Higher Maximum Current per MPPT
- 6 MPPTs (80 kW), 10 MPPTs (110 & 125 kW) to ensure optimal energy harvest
- Wide operating temperature range from -30°C to 60°C
- IP 66 protection for Indoor & outdoor application
- Type II SPD (Surge Protection Device)
- String current monitoring



Grid Tied Solar String Inverters

HIVERTER-Si-N Series - 250 kW & 350 kW (Three Phase)

- Wide DC input range
- True three phase bridge, transformer-less topology
- 6 MPPTs (250 kW), 8 MPPTs (350 kW) to ensure optimal energy harvest
- Wide operating temperature range from -30°C to 60°C
- Type II SPD (Surge Protection Device)
- String current monitoring
- Low Voltage Ride Through (LVRT) compliance
- IP 66 protection for Indoor & outdoor application
- Reactive power controller

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