

PEAK 3 FEATURES OVERVIEW



The solution for...

- All scale utility PV plants
- Locations with low inverter expertise
- Difficult terrain, remote locations
- Centralized PV plants with granular scalability requirements
- Integration with SMA battery inverters/ micro grids

More than

150%
DC Loading

Up to 27 c-Si Strings

1 MPP Tracker

Max I_{pv} 180

Mpp Range 880 - 1450 V

1/2 DC Inputs, 95 - 300 mm²

Cu/Al, Lug terminal

Upto

45°C
No derating

150 kW @600 VAC

IAC151A, 3L/PE, 150 mm²

Grounded nYD, No shield

99.1% max. efficiency

Full reactive power capability

Q @ Night, Stand-by <5W

Upto

800 Inverter
Live Monitoring

SMA IoT platform - Sunny

Portal EnnexOS

Ethernet (SunSpec Modbus)

Inbuilt Web Server - Auto

Updates

External Scada Interface

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For utility needs...

- Highest power density per device: Optimal performance at light weight
- Cheaper transportation and easier installation
- Fulfill all grid operator requirements
- Scalable solution for solar-plus-storage plants

Upto
than **1 Second**
Plant control

Centralized control
With SMA Data manager
Closed loop control of P/Q
Grid management
Zero Export, P/Q functions
Direct I/O interface

For **4C2** Condition
True outdoor

770 / 830 / 444 mm, 98Kg
Stand Mounting, IP65
Active air cooling
SMAOptiCool
Die cast Al enclosure
Corrosion resistant

Type 2 **SPD** AC/DC
Monitored

Residual current fault
Insulation monitoring
Reverse Polarity
Overcurrent and Short circuit
Over voltage/Temperature
Isolation - External