


Higher Yields
Up to 30\% More Energy with Optimizer


Active Safety

Al Powered
Active Arcing Protection


Flexible Communication

WLAN, Fast Ethernet, 4G Communication Supported



## Communication

## Display

RS485
Smart Dongle
Monitoring BUS (MBUS)

## LED Indicators, Bluetooth + APP

Yes
WLAN/Ethernet via Smart Dongle-WLAN-FE (Optional)
4G / 3G / 2G via Smart Dongle-4G (Optional)
Yes (Isolation Transformer required)

Dimensions (W $\times \mathrm{H} \times \mathrm{D}$ )
Weight (with mounting plate)
Operating Temperature Range
Cooling Method
Max. Operating Altitude
Relative Humidity
DC Connector
AC Connector
Protection Degree
Topology
Nighttime Power Consumption

## General Data

$70 \mathrm{~mm}(25.2 \times 20.9 \times 10.6 \mathrm{inch})$

$$
49 \text { kg (108.1 lb) }
$$

$-25^{\circ} \mathrm{C} \sim 60^{\circ} \mathrm{C}\left(-13^{\circ} \mathrm{F} \sim 140^{\circ} \mathrm{F}\right)$
Smart Air Cooling 4,000 m (13,123 ft.) 0\% RH ~ 100\% RH
Amphenol Helios H4
Waterproof Connector + OT/DT Terminal

## IP 66

Transformerless
$\leq 5.5 \mathrm{~W}$
$640 \times 530 \times 270 \mathrm{~mm}(25.2 \times 20.9 \times 10.6$ inch $)$
$49 \mathrm{~kg}(108.1 \mathrm{lb})$
$-25^{\circ} \mathrm{C} \sim 60^{\circ} \mathrm{C}\left(-13^{\circ} \mathrm{F} \sim 140^{\circ} \mathrm{F}\right)$
Smart Air Cooling
$4,000 \mathrm{~m}(13,123 \mathrm{ft}$.
$0 \% \mathrm{RH} \sim 100 \% \mathrm{RH}$
Amphenol Helios H4
Waterproof Connector + OT/DT Terminal
IP 66
Transformerless
$\leq 5.5 \mathrm{~W}$

## Standard Compliance (more available upon request)

[^0]EN 62109-1/-2, IEC 62109-1/-2, EN 50530, IEC 62116, IEC 60068, IEC 61683 IEC 61727, VDE-AR-N4105, VDE 4110, VDE 0126-1-1, BDEW, G59/3, UTE C 15-712-1, CEI 0-16, CEI 0-21, RD 661, RD 1699, P.O. 12.3, RD 413, EN-50438-Turkey, EN-50438-Ireland, C10/11, MEA, Resolution No.7, NRS 097-2-1, DEWA


[^0]:    Safety

