

DC COMBINER BOXES FOR HIGH WATTAGE PANELS

OneMonroe Titan has solutions for your commercial and utility-scale projects! Our DC combiner boxes offer users the possibility to integrate overcurrent and overvoltage protection, as well as string monitoring solutions (I,V, T and SPD and switch isolator status) for PV systems using central inverters with PV panels in trackers and fix tilt systems.



OUR PRODUCT FEATURES:

Listed to UL-1741

Up to 32
input circuits

Rated for
1000 or 1500 VDC

250,320,400,
& 500 Amp load
break disconnects

75/90C Al/Cu
output terminals

NEMA-3R, 4 & 4X
enclosures

Rated for
continuous duty

OUR PRODUCT OPTIONS:

- Mechanical Lugs
- Provisions for Compression Lugs
- Isolating / Grounded / Floating Configurations
- Touch Safe Protective Cover
- Custom Layouts
- Pre-Terminated Input Connectors



- 10kA SCCR and Greater
- Battery and Energy Savings
- Transient Surge Suppression
- Breather and Drain Vents
- Pad-Lockable Enclosures
- Lockout / Tagout Provision

CONTACT US:

YOUR BENEFITS AT A GLANCE:



Standard Models Available in Stock

Tailor-made solutions with only 8 weeks of delivery time



5 Year Warranty

We increased the warranty period due to the high quality of our combiner boxes



Spare Parts in Stock

Easy supply for O&M companies



Easy Commissioning & Maintenance

Products designed to reduce installation time, costs, and future maintenance



Logistic Savings

Global production locations allow cost and time-optimized production and supply



Online Selection Tool

Online tool to choose the best model for each application

OUR PRODUCT SPECS:

Disconnect Ampacity (Amps)

None / 275 / 320 / 400 / 600

Number of Input Circuits

2 to 32

Input Conductor Size (AWG)

#14-8 / #12-4

Fuse Size (Amps)

10 to 32 / 35 to 75

Number of Output Conductors Per Polarity

1 or 2

Output Conductor Size Range (MCM)

#6-350 / #2-600 / 300-800

Enclosure Dimensions (Inches)*

30x21x12 / 34x25x12 / 42x34x14

Enclosure NEMA Ratings

3R / 4 / 4X



ADDITIONAL ADVANTAGES:

OPTIMIZED DESIGN

By using advanced simulation 3D software, the product variants have been designed and tested to operate at the maximum mechanical and thermal efficiency in the most compact housing size.

LONGER LIFETIME

DC engineering expertise is implemented in designs to allow longer lifetime and higher performance under extreme climatic conditions.

COST-OPTIMIZED DESIGNS

Our product line with special accessories was designed to cover the most common applications in PV power plants to help achieve the best cost per watt.

BETTER LCOE AND ROI

Product track record, bankability, and reputation of our solutions simplifies product due diligences, insurance contracts, and even increases value of the asset if it is sold in the future.

CONTACT US: