

## Photovoltaic DC Protection Box

DCB-NF-2I-I32A-1000V-I-II-2O-1I-NF-I16A-1000V-I-II-1O

For use with 12kW Sunsynk inverter



- IP65
- Glass Re-enforced Polyester
- RAL 7032
- Double Insulated

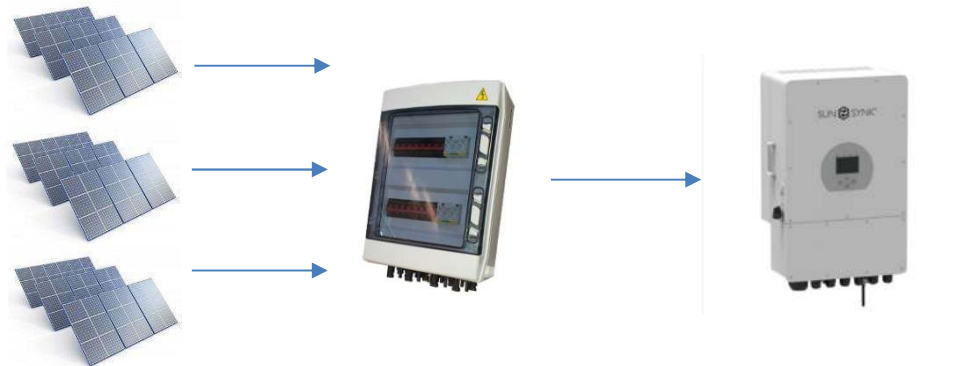
- This Product is designed to provide individual string protection and external isolation for Solar PV strings
- Each of the 3 string inputs are individually protected and isolateable
- The enclosure is fitted with Original Staubli MC-4 Solar Connectors for ease of connection of input and output Strings
- The enclosure provides excellent protection against the elements and is UV stabilized
- Pre-wired internal switchgear reduces the system installation time
- Terminals are clearly marked to streamline the installation

# 2 & 1 STRING IN / 2 & 1 STRING OUT

## Technical Data

Number of Inputs	3 individual string inputs
Number of Outputs	3 Individual string outputs
Surge Protection Device	Yes – Type I & II DC SPD
Max current Per string-Impp	32 and 16 Amp DC
Max String Voltage -Voc	1000Vdc
String connection	Staubli-MC-4 Original
String Protection/Isolation	4P-1000Vdc-16A and 4P-1000Vdc-32A DC Miniture Circuit Breaker
IP Rating	IP 65
Enclosure Material	Glass Re-Enforced Polyester
Enclosure Colour	RAL 7032
UV Stabilized	Yes
Additional Heat Dissipation	M12 Ventilation plug
NRCS Regulatory Approval	Yes – components certified under NRCS
Enclosure size	436 x 310 x 148

**NB: All equipment to be installed and operated by qualified personnel only**



**SegenSolar**  
(Pty) Ltd

245 Masjien Street  
Strijdom Park, Randburg  
[www.segensolar.co.za](http://www.segensolar.co.za)

*Segen Solar (Pty) Ltd Reserves the right to implement changes to specifications depicted in this datasheet to conform to equipment or regulatory requirements*

Version: Rev 0  
Copyright: ©Segen Solar (Pty) Ltd-2017