

## High Voltage Surge Protection Unit

The Microcare High Voltage Surge Protection Unit is a critical component of any PV Solar installation providing functions such as safety and surge protection for your system. The unit offers isolation between the DC voltages that are generated by the PV modules and the solar installation allowing for safety while working or maintaining the system. With fusing and short circuit protection the PV modules and components can operate optimally with lightning protection included. The unit allows for lightning protection of the solar grid-tied inverter while offering individual string protection.



- Available for surge protection on PV Strings
- Surge / Lightning Protection
- Isolation of PV DC voltages
- Fuse Protection
- Easy MC4 cable connectors
- Easily connect PV arrays to solar equipment
- For series string application only. DO NOT parallel the input strings

Specifications	600V	1000V
No of string inputs	1,2,3,4	1,2,3,4
Max PV Input of 500V at 25°	600Voc	1000Voc
Max Input Current per series string input	10A	
Fuse Rating	25A ceramic	
Input Cable Size	6mm <sup>2</sup>	
Input Connection	6mm Gland	
Output Connection	6mm Gland	
Weight	1kg	2kg
Dimensions (HxWxD)	210 x 140 x 100 (mm)	210 x 210 x 100 (mm)
*3 & 4 String Boxes are 260 x 300 x 130 (mm) Weigh 3kg*		