# HP6M 600V DC Midget (10x38mm) Photovoltaic Fuses

## About the HP6M Fuse

Mersen's HP6M photovoltaic (PV) fuse series was engineered and designed specifically for the protection of photovoltaic systems. Its enhanced fuse construction makes it ideal for continuous temperature and current cycling withstand adding to system longevity. The 600VDC rated HP6M, designed for low minimum breaking capacity capabilities of 1.35 times the fuse rated current value, allows for safe circuit interruption under typical low fault current conditions produced by PV arrays. Protect your off-grid or grid tied PV system from unexpected ground faults and line faults using Mersen's HelioProtection® fuse line.



## Features/Benefits:

- Low fault current interrupting capability
- Durable construction for enhanced system longevity
- Temperature cycle withstand capability
- Guaranteed operation at temperature extremes
- Industries first UL Listed Solution
- Globally accepted

## Applications:

- All photovoltaic applications
- PV string/array level protection
- Combiner box applications
- In-line PV module protection
- Inverters
- Battery charge controllers

## Ratings:

**Volts** : 600VDC
**Amps** : 1 to 30A
**IR** : 10kA I.R. DC
**MBC** : 1.35 x In

Photovoltaic Fuse, gPV

## Catalog Numbers (amps)

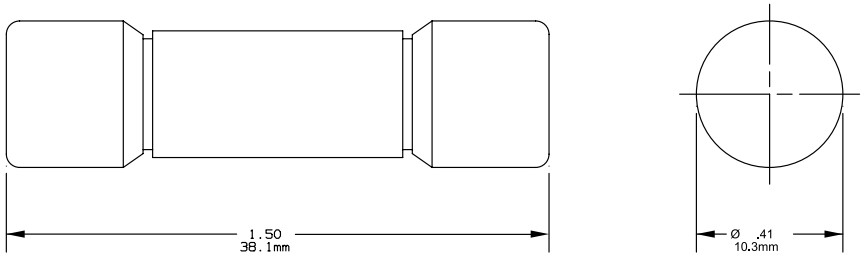
| | |
|---|---|
| HP6M1 | HP6M8 |
| HP6M2 | HP6M10 |
| HP6M3 | HP6M12 |
| HP6M4 | HP6M15 |
| HP6M5 | HP6M20 |
| HP6M6 | HP6M25 |
| HP6M7 | HP6M30 |

## Catalog Numbers - Fuseholder

| | UltraSafe™ Non-Indicating | UltraSafe™ Indicating |
|---|---|---|
| Screw Type | USM1HEL | USM1IHEL |
| Spring Type | USGM1HEL | USGM1IHEL |

*For additional information, view catalog page H2, USCC & USM UltraSafe™ Fuseholders.*

## Dimensions




## Approvals:

- UL Listed to Standard UL2579 File E333668
- CSA Component Certified C22.2
- IEC 60269-6 Approved