

# HP6J 600V DC Class J Photovoltaic Fuses

New ratings now available!

## About the HP6J Fuse

Mersen's HP6J 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 HP6J 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 Helio Protection fuse line.

### Features/Benefits:

- Smallest footprint in the industry
- UL class J dimensions
- 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:

- Re-combiner (sub-combiner, array combiner, master combiner) applications
- Inverter DC input protection
- Battery charge controllers

### Catalog Numbers (amps)

HP6J70	HP6J150	HP6J350
HP6J80	HP6J175	HP6J400
HP6J90	HP6J200	HP6J450
HP6J100	HP6J225	HP6J500
HP6J110	HP6J250	HP6J600
HP6J125	HP6J300	

### Catalog Numbers - Fuse Holder

Ampere Rating	Poles	Wire Terminal		Clip Configuration	Catalog Number
		Input	Output		
70-100	1	Box	Box	In-line	61036J
		Box	Box	Side	61006SJ
		Stud	Stud	In-line	61016J*
101-200	1	Box	Box	Side	62001J
		Stud	Stud	Side	62011J*
201-400	1	Box	Box	In-line	64031J
		Stud	Stud	In-line	64011J*
401-600	1	Box	Box	In-line	6631J
		Stud	Stud	In-line	6611J*

These fuse holders are suitable for use on circuits capable of delivering a maximum fault current of 10kA.

\*\*The wire connectors for these fuse holders will be supplied in the end-use.

For a full list of all applicable fuse holders, please see page H12, Class J 600 volt fuse blocks.



### Ratings:

**Volts** : 600VDC  
**Amps** : 70 to 600A  
**IR** : 10kA I.R. DC  
**MBC** : 1.35 x In

Photovoltaic Fuse

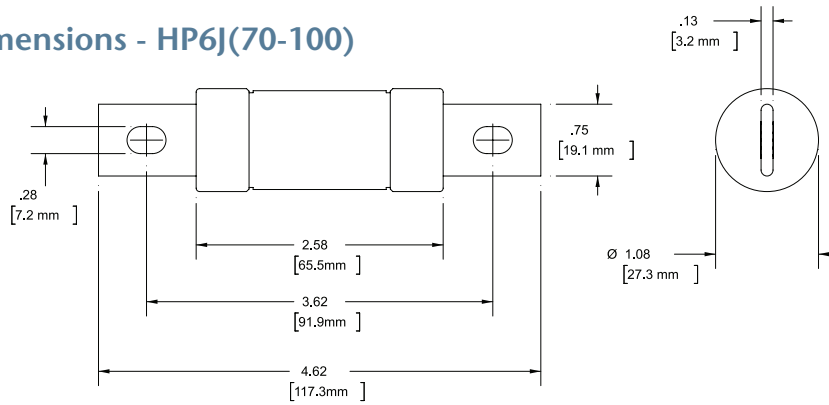
### Approvals:

- UL Listed to Standard UL2579 File E333668
- CSA Component Certified C22.2

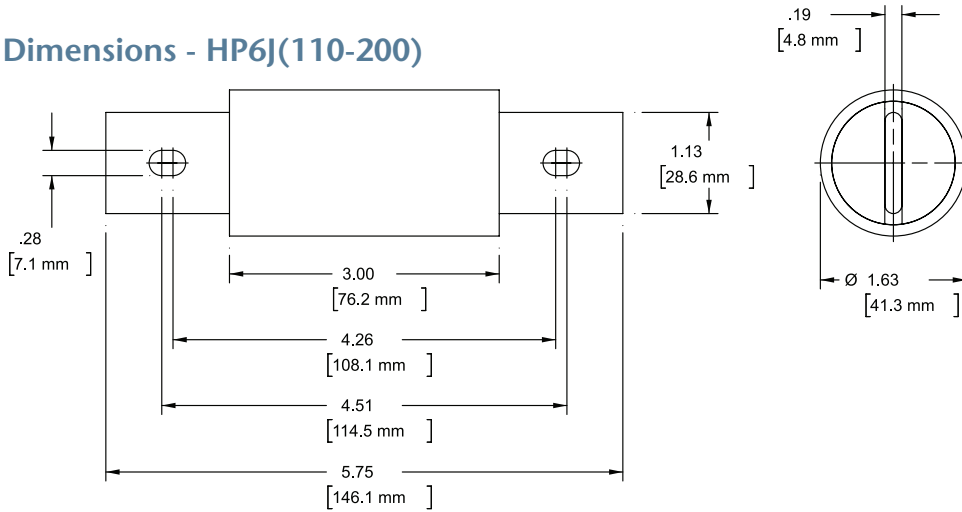


# HP6J 600V DC Photovoltaic Fuses

## Dimensions - HP6J(70-100)



## Dimensions - HP6J(110-200)



## Dimensions - HP6J(225-400)

