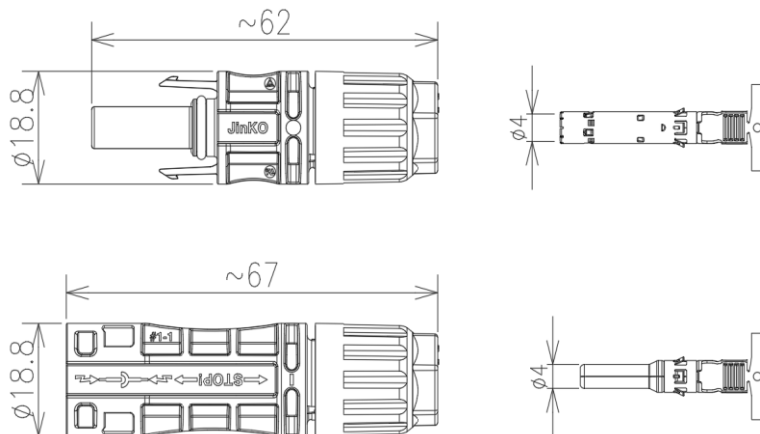


## PV Cable Connector:PV-JK03M2/xy series



- The third generation photovoltaic cable connector of JinKO.
- High security, only unbolt by tools.
- With nut retaining structure of "ratchet wheel", it can effectively prevent torque failure after installation.
- Resistant to UV, ammonia and salt fog, suitable for all climate environments. ;
- Integrated conductor structure, lower contact resistance.
- Degree of protection while mated.



### Technical Data

|                                         |                                                                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Rated Voltage                           | 1000V DC / 1500V DC                                                                                                                     |
| Rated Current                           | 30A (2.5mm <sup>2</sup> ;14AWG)<br>45A (4.0mm <sup>2</sup> 12AWG)<br>50A (6.0mm <sup>2</sup> ;10AWG)<br>60A (10.0mm <sup>2</sup> ;8AWG) |
| Ambient Temperature                     | -40℃~+85℃                                                                                                                               |
| Upper Limit Temperature                 | 115℃                                                                                                                                    |
| Degree of Protection, mated             | IP68 (1m,2h)                                                                                                                            |
| Degree of Protection ,unmated           | IP2X                                                                                                                                    |
| Application Class                       | Class A                                                                                                                                 |
| Over Voltage Category/ Pollution Degree | CATIII/2                                                                                                                                |
| Contact Resistance                      | ≤0.20mΩ                                                                                                                                 |
| Protection Class                        | Class II                                                                                                                                |
| Terminal Connection                     | Crimping                                                                                                                                |
| Conduction Material                     | Cooper, tin plated                                                                                                                      |
| Insulation Material                     | PA                                                                                                                                      |
| Cable Dimensions                        | Φ5.00 mm to Φ8.50 mm                                                                                                                    |
| Certification Standard                  | TÜV EC 62852:2014; UL6703;                                                                                                              |