



**BST** A RELIABLE TESTING FOR TRUST  
GLOBAL TESTING AND CERTIFICATION PRECISION SERVICE CLOUD FACTORY

# Certificate of Compliance

**Certificate NO.** : BSTDG220922804401CC

**Applicant** : Shenzhen Ipandee New Energy Technology Co., Ltd.  
Floor 2, building A2, LiLang Software Park, No. 31, Bulan Road,  
Nanwan street, Longgang District, Shenzhen

**Manufacturer** : Shenzhen Ipandee New Energy Technology Co., Ltd.  
Floor 2, building A2, LiLang Software Park, No. 31, Bulan Road,  
Nanwan street, Longgang District, Shenzhen

**Product Name** : MPPT Solar Charge Controller Mars

**Main Test Model** : MS48L100 (BAT48V&PV400V 100A)

**Additional Model** : See page 2

**Test Standard** : EN 62368-1:2014+A11:2017

**As shown in the Test Report No.** : BSTDG220922804401CR

The EUT described above has been tested by us and found in compliance with the council RoHS 2 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102. This certificate is only valid in conjunction with the test report.



## RoHS



Christina Deng  
Manager  
Sep. 27, 2022

**Dongguan BST Testing Co., Ltd**

Add: A1201-1204 Xinsanqi Of Dongbao Road, Dongcheng District, Dongguan, Guangdong, China

Certificate Search: <http://www.bst-lab.com>, Tel:400-882-9628, 8009990305, E-mail:christina@bst-lab.com





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Additional Model:

MARS-MS48L80 BAT48V&PV180V 80A, MARS-MS48L100 BAT48V&PV180V 100A,  
MARS-MS48H80 BAT48V&PV300V 80A, MARS-MS96H50 BAT96V&PV300V 50A  
MARS-MS48H100 BAT48V&PV 400V 100A, MARS-MS48L80-1 BAT12V&PV150V 80A,  
MARS-MS48L80-2 BAT24V&PV150V 80A, MARS-MS48L80-3 BAT36V&PV150V 80A,  
MARS-MS48L80-4 BAT48V&PV150V 80A, MARS-MS48L80-5 BAT96V&PV150V 80A,  
MARS-MS48L100-1 BAT12V&PV150V 100A, MARS-MS48L100-2 BAT24V&PV150V 100A  
MARS-MS48L100-3 BAT36V&PV150V 100A, MARS-MS48L100-4 BAT48V&PV150V 100A,  
MARS-MS48L100-5 BAT96V&PV150V 100A, MARS-MS48L120-1 BAT12V&PV150V 120A,  
MARS-MS48L120-2 BAT24V&PV150V 120A, MARS-MS48L120-3 BAT36V&PV150V 120A,  
MARS-MS48L120-4 BAT48V&PV150V 120A, MARS-MS48L120-5 BAT96V&PV150V 120A,  
MARS-MS48L150-1 BAT12V&PV150V 150A, MARS-MS48L150-2 BAT24V&PV150V 150A  
MARS-MS48L150-3 BAT36V&PV150V 150A, MARS-MS48L150-4 BAT48V&PV150V 150A,  
MARS-MS48L150-5 BAT96V&PV150V 150A, MARS-MS48L200-1 BAT12V&PV150V 200A,  
MARS-MS48L200-2 BAT24V&PV150V 200A, MARS-MS48L200-3 BAT36V&PV150V 200A,  
MARS-MS48L200-4 BAT48V&PV150V 200A, MARS-MS48L200-5 BAT96V&PV150V 200A,  
MARS-MS48H80-1 BAT48V&PV300V 80A, MARS-MS48H80-2 BAT48V&PV300V 100A,  
MARS-MS48H80-3 BAT48V&PV300V 120A, MARS-MS48H80-4 BAT48V&PV300V 150A,  
MARS-MS48H80-5 BAT48V&PV300V 200A, MARS-MS96H50-1 BAT96V&PV300V 80A,  
MARS-MS96H50-2 BAT96V&PV300V 100A, MARS-MS96H50-3 BAT96V&PV300V 120A,  
MARS-MS96H50-4 BAT96V&PV300V 150A, MARS-MS96H50-5 BAT96V&PV300V 200A



# RoHS



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Manager  
Sep. 27, 2022

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