



# MORNINGSTAR

World's Leading Solar **Controllers & Inverters**

# TriStar MPPT 600V Charge Controllers

## Declaration of Conformity

### Model Numbers

- TS-MPPT-60-600V-48
- TS-MPPT-60-600V-48-DB
- TS-MPPT-60-600V-48-DB-TR
- TS-MPPT-60-600V-48-DB-TR-GFPD



### Certifications

	NRTL	Issued/Updated
EN 61000-6-1:2007 EMC Immunity, Industrial Environments	MET Labs	Dec-2013
EN 61000-6-3:2007 +A1:2011 EMC Emissions	MET Labs	Dec-2013
EN 60335-1:2010 Safety, household & similar elec. appliances	MET Labs	Dec-2014
EN 60335-2-29:2002 A1:2004+A2:2009 Safety, battery chargers	MET Labs	Dec-2014
EN/IEC 62109-1:2010 Safety of Power Converters in PV Systems	TUV	Feb-2016
ICES-003 Issue 5, Aug 2012 (Class B)	MET Labs	Jan-2014

### Listing Standards

Listing Standards	Cert#	NRTL	Issued/Updated
UL1741 (Jan. 28, 2010)	3094762	ETL	Sep-2013
CSA C22.2 No. 107.1-01 (R2011)	3094762	ETL	Sep-2013
IEC 62109-1:2010 (JAS-ANZ Certification)	AZ 69020799	TUV-Australia	Feb-2016

### Directives & Regulations

REACH EC 1907/2006 compliant  
 Electromagnetic Compatibility Directive 2004/108/EC  
 Low Voltage Directive 2004/108/EC  
 FCC (Title 47 of CFR), Part 15 Subpart B Class B digital device - Tested for Compliance (MET Labs)  
 RoHS Directive 2011/65/EU and Amendment 2015/863/EU

*The undersigned hereby declares, on behalf of Morningstar Corporation, that the above referenced product, to which this declaration relates, is in conformity with the standards, listings, and directives as stated in this document.*

#### Manufacturer

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