

CERTIFICATE OF COMPLIANCE

Certificate Number 20181213-E492255
Report Reference E492255-20181005
Issue Date 2018-DECEMBER-13

Issued to: HiQ Solar Inc
2030 Duane Ave
Ste 101
Santa Clara CA 95054

This is to certify that representative samples of Static Inverters, Converters and Accessories for Use in Independent Power Systems
(See Addendum for Additional Information.)

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1741, "Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources."
UL 1998, "Software in Programmable Components."
IEEE 1547, "Interconnecting Distributed Resources with Electric Power Systems."
IEEE 1547.1, "Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems."
CAN/CSA C22.2 No. 107.1, "Power Conversion Equipment."

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

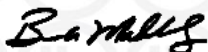
Addendum -

Products Covered:

Models TSXL480-10K. Grid support utility interactive, three-phase, inverter.

Ratings:

Model(s)	TSXL480-10K
DC Ratings - Input	DC
Maximum input voltage (Vdc)	1000 Vdc
Range of input voltage (Vdc)	450-850 Vdc
DC Input Start Range (Vdc)	200 Vdc
Maximum Input (operating) current (A)	12 A
Maximum input short circuit current	30 A
Circuit combiner on input	None
Max. PV overcurrent protection (A dc)	Provided by others
AC Ratings – Output	AC
Output – Grid configuration(s) allowed for product connection.	3 Phase 480/277 Vac Delta or Y + N
Nominal (line to line) output voltage (Vac)	480 Vac
Normal out frequency Hz	60.0 Hz
Maximum continuous output current (A)	12 A
output current (A) at nominal voltage	12 A
Maximum continuous output power @ 25 °C to 40 °C	10.0 kW / 10.0 kVA
Maximum continuous output power @ 65 °C	5.0 kW / 5.0 kVA
Max. output (kW)	10.0 kW
Max. Branch Circuit overcurrent protection (A)	80 A
Other ratings	-
Max. output fault current(A)/ duration (ms)	20A/10ms
Max. input fault current(A)/duration(ms)	0
Max. utility backfeed current to DC source	0
Line Synchronization Characteristics / In-rush current	Method 2 / 0 A
Limits of accuracy of voltage measurement	+/- 2.7 Volts
Limits of accuracy of time measurement (For Voltage)	+/- 0.033 Sec or 1%
Limits of accuracy of frequency measurement	+/- 0.05 Hz
Limits of accuracy of time measurement (For Frequency)	+/- 0.05 Sec
Maximum Full Power Operating Ambient(°C)	-40°C to +40°C



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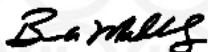
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Maximum Air Ambient (°C)	+65C
Enclosure Ratings	Type 6
Shipping temperature range	-40°C to +65°C
Operating Temperature range	-40°C to +65°C
Rapid Power Priority (Volt Var curve active)	RPP

INTERCONNECTION INTEGRITY TEST CATEGORIES:	
C62.42.2 Ring Wave Surge Category	Category B, 6 kV, 0.5 kA
C62.42.2 Combination Wave Surge Category	Category B, 6 kV, 3 kA
C37.90.1 RF Immunity - compliance (EMI)	Yes
C37.90.2 Communication circuit - compliance	Yes

Functional in the following priority modes: [] active power priority [X] reactive power priority (RPP)



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