

Manufacturer: Midtronics, Inc.
 7000 Monroe Street
 Willowbrook, IL 60527
 USA

Declares, that the product

Product Name: Diagnostic Battery Charger
Model Number: DCA Series
Product Options: *This declaration covers all options of the above product(s).*

Conforms to the following European Directives:

- EMC 2014/30/EU and carries the CE mark
- RoHS 2011/65/EU
- WEEE 2012/19/EU
- IEC 60335-2-29:2016 Product Safety. Carries Intertek mark

CE Product Standards Test Summary and Results:

Emissions Tests Results				
<i>Environmental Phenomena</i>	<i>Frequency Range</i>	<i>Basic Standard</i>	<i>Test Level</i>	<i>Test Result</i>
Conducted Emissions, AC Mains	0.15-30 MHz	EN 55011, FCC Part 15, ICES-001	Class A	Pass
RF Radiated Emissions	30-5000 MHz	EN 55011, FCC Part 15, ICES-001	Class A	Pass
Harmonic Current Emissions	0-2 kHz	EN 61000-3-2	A or D	Pass
Voltage Fluctuations and Flicker	N/A	EN 61000-3-3	N/A	Pass

Immunity Tests Results					
<i>Port Tested</i>	<i>Environmental Phenomena</i>	<i>Frequency Range</i>	<i>Basic Standard</i>	<i>Test Level</i>	<i>Test Result</i>
Enclosure	ESD	8 kV Air 4 kV Contact	61000-4-2	A	Pass
Enclosure	RF EM Field	3 V/m; 80-4000 MHz	61000-4-3	A	Pass
AC Power	Fast Transients	1.0 kV 5/50 nSec	61000-4-4	B	Pass
Signal Lines	Fast Transients	0.5 kV 5/50 nSec	61000-4-4	B	Pass
Power	Surges	1 Kv Diff.; 2Kv Comm	61000-4-5	B	Pass
Power	RF Conducted	3 V; 0.15-80 MHz	61000-4-6	A	Pass
Enclosure	Magnetic Field	N/A	61000-4-8	N/A	Note 1
AC Power	Voltage Dips and Interruptions	0% 10 mSec 40% 100 mSec 70% 500 mSec 0% 20 mSec 0% 5 Sec	61000-4-11	A C C A C	Pass

Note 1: Not required since there are no magnetically sensitive components in the UUT.



CERTIFICATE OF CONFORMITY

CE Product-Family Test Specifications and Results		
Document	Title	Test Results
CENELEC EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use – EMC requirements	Complied with all applicable tests for basic immunity

Test Specifications and Related Documents:

Document	Date
CENELEC EN 61000-3-2	2014
CENELEC EN 61000-3-3	2013
CENELEC EN 55011	2009+ A1:2010
FCC CFR Title 47	2018
ICES-001	2014
ANSI C63.4-2014	2014
IEC CISPR 16	2015
IEC 61000-4-2	2008
IEC 61000-4-3	2006 + A1:2007, +A2:2010
IEC 6100-4-4	2012
IEC 61000-4-5	2014
IEC 61000-4-6	2013
IEC 61000-4-11	2004

11 Dec 2021
Date

Michael H Lester

Michael H Lester
Quality Manager