

MET LABORATORIES, INC. CERTIFICATION RECORD



The applicant named below has been authorized by MET Laboratories, Inc. to represent the product(s) listed in this record as "MET Certified" and to mark this/these product(s) according to the terms and conditions of the MET Mark Utilization Agreement, MET Listing Reports, and the applicable marking agreements. Only the product(s) bearing the MET Mark and under a follow-up service are considered to be included in the MET Certification program. This certification has been granted under a System 3 program as defined in ISO Guide 67.

FILE NUMBER: E113520

APPROVAL DATE: May 3, 2013

REVISED: -

PRODUCT(S)	MODEL(S)	ELECTRICAL RATINGS
Charge Controller	CIS-N and CIS Series	See Next Page

STANDARD NUMBER	STANDARD TITLE	EDITION
UL 1604	Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (Classified) Locations	Third
CSA C22.2 NO. 213	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations	First

MET LABORATORIES, INC. requires that any and all changes proposed in the previously identified product(s), that affects the information contained in the above referenced listing report, must be submitted to MET for evaluation prior to implementation to assure continued MET Certification status.

The above identified product(s) has/have been submitted by the applicant:

APPLICANT:

Phocos North America, Inc.
325 S Euclid Ave., Suite 101
Tuscon, AZ 85719
USA

The covered products shall be subjected to follow-up inspections to ensure that the Certified product(s) are identical to the representative product sample evaluated by MET LABORATORIES, INC. and that all manufacturer's responsibilities are being fulfilled as specified in the MANUFACTURING RESPONSIBILITY section of the Certification report.

Electrical Rating:

Model	PV Cell	Battery	Output / Load
CIS05-1.1 / CIS-N-05-1.0	30/50Vdc max 5A	12/24Vdc	12/24Vdc, 5A
CIS10-1.1 / CIS-N-10-1.0	30/50Vdc max 10A	12/24Vdc	12/24Vdc, 10A
CIS20-1.1 / CIS-N-20-1.0	30/50Vdc max 20A	12/24Vdc	12/24Vdc, 20A
CIS05-1.1-2L / CIS-N-05-1.0-2L	30/50Vdc max 5A	12/24Vdc	12/24Vdc, 5/5A
CIS10-1.1-2L / CIS-N-10-1.0-2L	30/50Vdc max 10A	12/24Vdc	12/24Vdc, 10/10A
CIS20-1.1-2L / CIS-N-20-1.0-2L	30/50Vdc max 20A	12/24Vdc	12/24Vdc, 20/20A

Charles Haggins
Laboratory Manager
Safety Laboratory



*MET Laboratories, Inc. is accredited by OSHA and the Standards Council of Canada.
The Nation's First Nationally Recognized Testing Laboratory*

NRTL