PRODUCT LISTING

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Issued To:

Advanced Systems Group
Snijdersbergweg 93, 1105AN
Amsterdam
The Netherlands
Phone: +31 203422100
https://www.mastervolt.com

Listing Number: **21F01**

Listed Since: **2021-08-30**
Last Revision: **2022-02-10**

RV Electrical – Rechargeable Battery Systems

Certification Standards:	**ANSI/CAN/UL 1973** – Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications
Product Description:	**Brand name: Mastervolt** Lithium-ion battery MLI, with an internal BMS and an internal or external disconnect switch depending on model. Communication on a proprietary CANBUS as well as a NMEA CANBUS.
Model Numbers:	6601600 (12V 6000Wh), 6602600 (24V 6000Wh), 6601300 (12V 3000Wh), 66011250 (12V 1250Wh), 66012750 (12V 2750Wh), 66015500 (12V 5500Wh), 66021250 (24V 1250Wh), 66025500 (24V 5500Wh)
Listing Conditions:	1. For Recreational Vehicle use only. 2. Product must be installed and operated in strict compliance with all applicable codes, laws, and regulations having the force of law. 3. The unit must be installed, operated, and maintained in strict compliance with the manufacturer's instructions.

Certification Mark:

C US
21F01

CONFIDENCE THROUGH CERTIFICATION

ACCREDITED
PRODUCT CERTIFICATION BODY
CERT #2946.01

The TEi-LS RV Component Certification Program is a "Type 3" certification program, as defined in ISO/IEC17067.

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UK declaration of conformity

Declaration No: 10000019071_00

Name and address of the manufacturer:

Advanced Systems Group EMEA B.V.
Snijdersbergweg 93
1105 AN Amsterdam
The Netherlands

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration:

66011250	**Mastervolt MLI Ultra 12/1250**
66021250	**Mastervolt MLI Ultra 24/1250**

Name and address of the authorized Representative:

Advanced Systems Group UK
Munster Simms Engineering Ltd (Whale)
2 Enterprise Road, Bangor, BT19 7TA
Northern Ireland (UK)

The object of the declaration described above is in conformity with the relevant UK legislation:

- **SI 2016 No 1091** — **EMC Regulations 2016**
- **SI 2016 No 1101** — **Electrical Equipment (Safety) Regulations 2016**
- **SI 2012 No 3032** — **RoHS Regulations 2012**

References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared:

- **EN 61000-6-3: 2007 + A1:2011 + AC:2012** — Emission for residential, commercial and light-industrial environments
- **EN 61000-6-2: 2005 + AC:2005** — Immunity for industrial environments
- **EN 60335-1:2012** — Household and similar electrical appliances - Safety -- Part 1: General requirements
- **EN 62619:2017** — Safety requirements and tests for the safe operation of secondary lithium cells and batteries, for use in industrial applications
- **EN 62620:2015** — Marking, tests and requirements for secondary lithium cells and batteries for use in industrial applications

13 July 2021

H.A. Poppelier
Technical Director, Advanced Systems Group EMEA B.V.

THE NETHERLANDS
(N E D E R L A N D)

E4

COMMUNICATION

Concerning (1):

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of ~~electrical~~/electronic sub-assembly (1) with regard to Regulation number 10.

Approval number: E4*10R06/01*4725*00

1.	Make (trade name of manufacturer)	: MASTERVOLT
2.	Type and general commercial description(s)	: MLI ULTRA
3.	Means of identification of type, if marked on the ~~vehicle~~/~~component~~/ separate technical unit (1)	: MLI ULTRA 12/1250 MLI ULTRA 24/1250 (MLI ULTRA ??/????)
3.1.	Location of that marking	: On the top side
4.	Category of vehicle	: N.A.
5.	Name and address of manufacturer	: Mastervolt B.V. Snijdersbergweg 93 1105 AN Amsterdam Z.O. The Netherlands
6.	In the case of components and separate technical units, location and method of affixing of the approval mark	: Sticker (identification label) on the top side

RDW

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Tel. + 31 79 345 83 02
E-mail typeapproval@rdw.nl
www.rdw.nl

Type-approval Department

Approval number: E4*10R06/01*4725*00

7.	Address(es) of assembly plant(s)	:	Huizhou Sanhua Industrial Co., Ltd. 516001 Zone 14, Huizhou Zhongkai Hi-tech Development Zone, Huizhou, Guangdong P.R. China
8.	Additional information (where applicable)	:	see Appendix below
9.	Technical service responsible for carrying out the tests	:	DARE!! Measurements Vijzelmolenlaan 7 3447 GX Woerden The Netherlands
10.	Date of test report	:	2021 February, 9
11.	Number of test report	:	20200698RPT02 and 20200698.001RPT02
12.	Remarks (if any)	:	see Appendix
13.	Place	:	Zoetermeer
14.	Date	:	03 March 2021
15.	Signature	:	L. Vellekoop

16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

17. Reasons for extension : --

(1) Strike out what does not apply.

APPENDIX

to type-approval communication form number: E4*10R06/01*4725*00

concerning the type-approval of an ~~electrical~~/electronic sub-assembly [1] under Regulation number 10.

1.	Additional information	: --
1.1.	Electrical system rated voltage	: MLI ULTRA 12/1250: 12V, MLI ULTRA 24/1250: 24V, negative ground
1.2.	This ESA can be used on any vehicle type with the following restrictions	: N.A.
1.2.1.	Installation conditions, if any	: N.A.
1.3.	This ESA can be used only on the following vehicle types	: M, M1, M2, M3, N, N1, N2, N3, O, O1, O2, O3, O4, G (All categories)
1.3.1.	Installation conditions, if any	: Use the MLI Ultra following the instructions and specifications stated in the user and installation manual
1.4.	The specific test method(s) used and the frequency ranges covered to determine immunity were	: Radiated Immunity 200 MHz – 2 GHz Bulk Current Injection (BCI) 20 – 200 MHz Electrical disturbance test on voltage supply lines
1.5.	Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests	: DARE!! Measurements
2.	Remarks	: Documentation: Certificate Type approval mark example Annex 2B Report 20200698RPT02 & 20200698.001RPT02 Schematic MLI Ultra 12V & 24V PCB MLI Ultra 12V Top+Bot. & 24V Top+Bot. BOM MLI Ultra 12V & 24V Statement for application

JE MAINTIENDRAI
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