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: 10000020640_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:

66016000	**MLI Ultra 12/6000**
66026000	**MLI Ultra 24/6000**
66013000	**MLI Ultra 12/3000**

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 61000-6-2: 2019** — Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
- **EN 61000-6-3: 2007** +A1:2011 +C11:2012 — Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light1industrial environments
- **EN 60335-1:2012** +C11:2014 +A11:2014 12:2017 +A13:2017 +A1:2019 +A2:2019 +A14:2019 +A15:2021 — Household and similar electrical appliances - Safety -- Part 1: General requirements
- **EN 62619:2017** — Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications.
- **EN 62620:2015** — Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for use in industrial applications.
- **UKCA** — UK Conformity Assessed

12 April 2022
Advanced Systems Group EMEA B.V



H.A. Poppelier
CTO

THE NETHERLANDS
(NEDERLAND)

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*4432*01

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 24/5500 MLI Ultra 12/5500 (MLI Ultra ??/?????) Variants: MLI Ultra 12/6000 and MLI Ultra 24/6000
3.1.	Location of that marking	: On the top side.
4.	Category of vehicle	: N.A.
5.	Name and address of manufacturer	: Advanced Systems Group EMEA 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.

P.O. Box 777
2700 AT Zoetermeer
The Netherlands

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

Type-approval Department

Approval number: E4*10R06/01*4432*01

7.	Address(es) of assembly plant(s)	: Confidential Information
8.	Additional information (where applicable)	: see Appendix below
9.	Technical service responsible for carrying out the tests	: DARE!! Services B.V. Vijzelmolenlaan 7 3447 GX Woerden The Netherlands
10.	Date of test report	: 2019 September, 18 2021 July, 21
11.	Number of test report	: 19C00093RPT01 20210338.002RPT01
12.	Remarks (if any)	: see Appendix
13.	Place	: Zoetermeer
14.	Date	: 31 August 2021
15.	Signature	: R.F.R. Clement

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

17. Reasons for extension : Adding variants:
MLI Ultra 12/6000 and MLI Ultra 24/6000
Update to the latest version of the standard.

(1) Strike out what does not apply.

EU declaration of conformity
EU-conformiteitsverklaring
EU-Konformitätserklärung
Déclaration UE de conformité
Declaración UE de conformidad
Dichiarazione di conformità UE

Name and address of the manufacturer: Naam en adres van de fabrikant: Name und Anschrift des Herstellers: Nom et adresse du fabricant: Nombre y dirección del fabricante : Nome e indirizzo del fabbricante	**Advanced Systems Group EMEA BV** **Snijdersbergweg 93,** **1105 AN Amsterdam** **The Netherlands**

This declaration of conformity is issued under the sole responsibility of the manufacturer.
Deze conformiteitsverklaring wordt verstrekt onder volledige verantwoordelijkheid van de fabrikant.
Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller
La présente déclaration de conformité est établie sous la seule responsabilité du fabricant.
La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.
La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante

Object of the declaration: Voorwerp van de verklaring: Gegenstand der Erklärung: Objet de la déclaration : Objeto de la declaración Oggetto della dichiarazione:	**66016000**	**MLI Ultra 12/6000**
	66026000	**MLI Ultra 24/6000**
	66013000	**MLI Ultra 12/3000**

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:
Het hierboven beschreven voorwerp is in overeenstemming met de desbetreffende harmonisatiewetgeving van de Unie:
Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:
L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable :
El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización pertinente de la Unión:
L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione:

- **2014/30/EU (EMC Directive);**
- **2014/35/EU (Low Voltage Directive);**
- **2011/65/EU and amendment (EU) 2015/863 (RoHS directive)**

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:
Vermelding van de toegepaste relevante geharmoniseerde normen of van de overige technische specificaties waarop de conformiteitsverklaring betrekking heeft:
Angabe der einschlägigen harmonisierten Normen, die zugrunde gelegt wurden, oder Angabe der anderen technischen Spezifikationen, in Bezug auf die die Konformität erklärt wird:
Références des normes harmonisées pertinentes appliquées ou des autres spécifications techniques par rapport auxquelles la conformité est déclarée:
Referencias a las normas armonizadas pertinentes utilizadas, o referencias a las otras especificaciones técnicas respecto a las cuales se declara la conformidad:
Riferimento alle pertinenti norme armonizzate utilizzate o riferimenti alle altre specifiche tecniche in relazione alle quali è dichiarata la conformità:

• **NEN-EN-IEC 61000-6-2: 2019**	*Generic standards - Immunity for industrial environments*
• **NEN-EN-IEC 61000-6-3: 2007** +A1:2011 +C11:2012	Generic standards - Emission for residential, commercial and light-industrial environments
• **NEN-EN-IEC 60335-1:2012** +C11:2014 +A11:2014 +A12:2017 +A13:2017 +A1:2019 +A2:2019 +A14:2019 +A15:2021	*Household and similar electrical appliances - Safety -- Part 1: General requirements*
• **NEN-EN-IEC 62619:2017**	Safety requirements and tests for the safe operation of secondary lithium cells and batteries, for use in industrial applications
• **NEN-EN-IEC 62620:2015**	Marking, tests and requirements for secondary lithium cells and batteries for use in industrial applications

Amsterdam, 19 Januari 2022

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

Declaration nr.: 10000019968