


Responsible division : TRACTION	Responsible unit : R&D	Document type : Software Release Instruction	Confidentiality status : Public	
Prepared : Jitendra Singh 2023-01-19		Title : Software Package Release	Document state : Released	
Checked Kshaunish Kayal 2023-01-19		HRT130SR01-V1-2		
Approved : Mr.Brahmananda Reddy 2023-01-19	File name :	Revision :10	Language : en	Pages : 1/6

Saved: 2023-01-19 16:21

Sequence index : 1

IR Propulsion Set



WAP7



WAG9/WAG9H

Software Package 1006, 2006& 3006 Release Notes	Language : en	Revision : —	Page : 2	HRT130SR01-V1-2
--	------------------	-----------------	-------------	------------------------

Table of Contents

1. Introduction	4
1.1 Abstract	4
1.2 Abbreviations and Definitions	4
2. Software Package Delivery	5
3.1 Tools	5
3.2 Installation instruction	5
4. Changes:	6
4.1 For main Control card parameter in BUR1, BUR2, BUR3	Error! Bookmark not defined.
5. Dependencies	6
5.1 Compatibility to earlier software releases: Limited	6
5.2 Hardware dependencies:	Error! Bookmark not defined.
6. Version information for Software Package	6
6.1 Vehicle control software	6
6.2 Converter control software	6
6.3 HMI Software: NIL	6
6.4 BUR Software:1006,2006,3006	6
7. RevisionHistory	6

Software Package 1006, 2006& 3006 Release Notes	Language : en	Revision : —	Page : 3	HRT130SR01-V1-2
--	------------------	-----------------	-------------	------------------------

Table of Tables

Table 1: Abbreviations and Definitions	4
Table 2 : Details of Software_Package_Baseline_Delivery	5

Software Package 1006, 2006& 3006 Release Notes	Language : en	Revision : —	Page : 4	HRT130SR01-V1-2
--	------------------	-----------------	-------------	------------------------

1. Introduction

1.1 Abstract

This document contains the release note for 3X130 kVA Auxiliary Converter software updates.

1.2 Abbreviations and Definitions

Abbreviation	Description
BUR1	130 kVA Auxiliary Converter – 1
BUR2	130 kVA Auxiliary Converter – 2
BUR3	130 kVA Auxiliary Converter – 3
LVPS	Battery Charger

Table 1: Abbreviations and Definitions

Software Package 1006, 2006& 3006 Release Notes	Language : en	Revision : —	Page : 5	HRT130SR01-V1-2
--	------------------	-----------------	-------------	------------------------

2. Software Package Delivery

The software release is delivered as a package (Software Package baseline) file and is not compatible with the previous releases.

The Package includes in the folders the following files:

BUR1 (D429)	zB1_0.01.6v.elf	
BUR2 (D429)	zB2_0.01.6v.elf	
BUR3 (D429)	zB3_0.01.6v.elf	
BUR1/BUR2/BUR3 (HRT1302)	BUR_121_221_321_1006 & CONV3x130_DualCAN_27052022v2	
LVPS (HRT 1302)	CONV3x130_BC_30072021v3	

Table 2: Details of Software_Package_Baseline_Delivery

3. Installation

3.1 Tools

To install this software release the following tools are required.

- (i) PC: Operating System: All current versions of windows.
Hardware: Pentium or above.
- (ii) Software:
Smart Pro.
Ucon.

3.2 Installation instruction

Preconditions

SmartPro Diagnostic Tool

Ucon:

Kindly refer document for Duagon SW compiling& Duagon file uploading.

Software Package 1006, 2006& 3006 Release Notes	Language : en	Revision : —	Page : 6	HRT130SR01-V1-2
--	------------------	-----------------	-------------	------------------------

4. Changes:

4.1 For main Control card parameter in BUR1, BUR2, BUR3.

Kindly refer attached file – “V1-2 -New Gen. BUR & CHBA control card parameter”

5. Dependencies

5.1 Compatibility to earlier software releases: Not Compatible

6. Version information for Software Package

6.1 Vehicle control software

The software version screen on the drivers display shows the version of the BUR1, BUR2 & BUR3.

- BUR1-1.0.0.6
- BUR2-2.0.0.6
- BUR3-3.0.0.6

6.2 Converter control software:

6.3 HMI Software: NIL

6.4 BUR Software:

The software version screen on the drivers display gives information of the version of the Duagon D429.

7. Revision History

Rev.	Edited	Checked	Approved	Remark
0	2023-01-19 Jitendra Singh	2023-01-19 Kshaunish Kayal	2023-01-19 Brahmananda Reddy	--