



## Product Environmental Profile

### Branch terminal, univers Z, 5p, 2x25/2x16mm<sup>2</sup>



#### Company information

**Hager**  
132 Boulevard d'Europe  
F 67215 Obernai Cedex  
[www.hagergroup.com](http://www.hagergroup.com)

A question concerning the Product Environmental Profile: [info@hager.com](mailto:info@hager.com)

#### References covered

For the complete list of the covered references, see details in Appendix 1.

#### Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.  
For further information, please see the website of the program [www.pep-ecopassport.org](http://www.pep-ecopassport.org)

#### Reference product

**Reference product identification**  
KH25C

**Use scenario based on :**  
**PSR product Category : PSR-0005-ed3.1-2023 12 08**  
3.15. Other Equipment - 'Passive product - continuous operation' scenario

#### Functional unit

Connect L1, L2, L3, N and PE between 2 or more wires for a rated cross-section 1.5mm<sup>2</sup>-25mm<sup>2</sup>, with rated voltage 400V, rated current I<sub>n</sub> 80A, according to the use scenario of a Load Rate of 30% and Use Time Rate 100%, and for the reference service life of the product of 20 years\*

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

## Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
PA6	55.00	14.0%	Brass	299.20	76.0%	Cardboard	27.90	7.1%
PE-LD	1.87	0.5%	Silicon	0.01	<0.1%	Wood	9.37	2.4%
						Paper	0.17	<0.1%
						Other	0.02	<0.1%
Total mass of reference product with raw material packaging :			393.54 g					
Total mass of reference product (Product + packaging)			374.8 g					

## System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use								End of life			Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

### Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

### Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable. Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

### Installation

#### Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the packaging waste treatment is taken account.

#### Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

### Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0.0702	100.0%	0	0.0%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0	100.0%	0	0.0%	0	0.0%

This corresponds to a total energy consumption of 12.30 kWh for the use span of 20 years.

#### Energy model of the use phase :

Europe

#### Consumables and maintenance :

None

## End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainly on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 61%. The calculation of this rate is based on the method of the IEC/TR 62635.

## Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.2.4-11 with the database version CODDE-2024-04 .

Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0

PEP representative of the covered products marketed in: Europe

Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

### Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	3.71E-02	3.89E-04	6.27E-05	2.22E-02	9.68E-03	6.94E-02	-9.34E-02
Climate change - Total (PEF-GWP)	kg CO2 eq.	1.18E+00	6.14E-02	2.78E-02	4.34E+00	3.89E-01	5.99E+00	-8.36E-01
Climate change-Biogenic (PEF-GWpB)	kg CO2 eq.	-1.07E-04	0.00E+00	5.23E-03	7.98E-03	2.35E-02	3.66E-02	-2.21E-02
Climate change-Fossil (PEF-GWpF)	kg CO2 eq.	1.18E+00	6.14E-02	2.26E-02	4.33E+00	3.66E-01	5.96E+00	-8.14E-01
Climate change-Land use and land use change (PEF-GWpLU)	kg CO2 eq.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	1.57E+03	4.03E-02	3.25E-01	8.19E+00	3.81E+00	1.59E+03	-2.29E+01
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.42E-07	3.17E-09	3.74E-10	1.79E-07	2.78E-08	4.52E-07	-1.80E-07
Eutrophication, freshwater (PEF-Epf)	kg P eq.	2.01E-05	2.31E-08	3.09E-07	1.14E-05	6.61E-06	3.84E-05	-9.20E-03
Eutrophication, marine (PEF-Epm)	kg N eq.	1.15E-03	1.82E-04	2.99E-05	2.71E-03	6.51E-03	1.06E-02	-4.20E-03
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	1.27E-02	2.00E-03	1.86E-04	4.35E-02	4.32E-03	6.26E-02	-5.37E-02
Human toxicity, cancer (PEF-CTUh-c)	CTUh	3.95E-06	1.08E-12	2.49E-09	5.45E-10	7.32E-10	3.95E-06	-1.16E-08
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	5.02E-07	2.09E-11	7.27E-11	1.30E-08	7.57E-08	5.91E-07	-1.08E-06
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	5.96E+01	1.50E-04	3.36E-03	6.23E+00	2.32E-02	6.59E+01	-2.27E-02
Land use (PEF-LU)	No dimension	6.11E-04	0.00E+00	6.01E-05	1.20E-01	1.69E+00	1.81E+00	-1.34E+01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	1.51E-07	9.42E-11	2.89E-10	2.10E-08	4.91E-08	2.22E-07	-4.45E-08
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	5.57E-03	5.05E-04	4.35E-05	8.51E-03	1.62E-03	1.63E-02	-1.52E-02
Resource use, fossils (PEF-ADPfi)	MJ	1.97E+01	8.57E-01	2.14E-01	1.09E+02	5.64E+00	1.36E+02	-8.28E+00
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq	3.53E-04	2.42E-09	5.25E-10	1.53E-06	6.11E-07	3.55E-04	-3.32E-04
Water use (PEF-WU)	m3 eq.	1.97E+00	2.33E-04	1.68E-03	3.32E-01	1.36E+02	1.38E+02	-7.62E+02

### Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	4.59E-02	5.43E-06	3.91E-05	7.80E-03	3.63E+00	3.69E+00	-1.79E+01
Total primary energy	MJ	2.31E+01	8.59E-01	2.42E-01	1.38E+02	6.29E+00	1.69E+02	-1.09E+01
Total non renewable primary energy	MJ	1.97E+01	8.57E-01	2.14E-01	1.09E+02	5.64E+00	1.36E+02	-8.28E+00
Total renewable primary energy	MJ	3.36E+00	1.14E-03	2.85E-02	2.90E+01	6.56E-01	3.30E+01	-2.61E+00
Non renewable primary energy used as energy	MJ	1.78E+01	8.57E-01	2.14E-01	1.09E+02	5.64E+00	1.34E+02	-8.28E+00
Non renewable primary energy used as raw material	MJ	1.92E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E+00	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	2.68E+00	1.14E-03	2.85E-02	2.90E+01	6.56E-01	3.23E+01	-2.61E+00
Renewable primary energy used as raw material	MJ	6.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-01	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

### Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	2.62E+01	0.00E+00	5.50E-04	1.90E-01	1.29E-19	2.64E+01	0.00E+00
Non hazardous waste disposed	kg	8.00E-01	2.16E-03	9.24E-03	7.32E-01	6.26E-05	1.54E+00	0.00E+00
Radioactive waste disposed	kg	4.93E-05	1.54E-06	1.11E-06	1.68E-04	4.46E-08	2.20E-04	0.00E+00

### Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00
Materials for energy recovery	kg	4.27E-03	0.00E+00	1.85E-03	0.00E+00	0.00E+00	6.13E-03	0.00E+00
Materials for recycling	kg	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00

### Biogenic carbon content


Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	2.79E-02	1.67E-04	9.37E-03	3.74E-02
Biogenic carbon content (declared unit)	kg of C	7.81E-03	6.30E-05	3.70E-03	1.16E-02
Biogenic carbon content (functional unit)	kg of C	7.81E-03	6.30E-05	3.70E-03	1.16E-02
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

### Extrapolation rules

Additional references (see Appendix) covered by PEP, the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA). The impact values are either directly calculated by LCA or by extrapolation following PEP Ecopassport rules. However, some of the detailed conditions applied in those cases may differ from the main reference.

### Verification

Registration N°: HAGE-01414-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH63	Information and reference documents: <a href="http://www.pep-ecopassport.org">www.pep-ecopassport.org</a>	
Date of issue: 11-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal • External ◯		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		

#### Nota :

The picture has no contractual value.

All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ..., real values for a product in a concrete application may therefore change.

The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.

The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

# Appendix

Manufacturing A1-A3	Product Code	Acidification (PEF-AP) - [mole H+ eq.]	Climate change - Fossil (PEF-GWP) - [kg CO2 eq.]	Climate change - Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change - Fossil (PEF-GWPF) - [kg CO2 eq.]	Climate change - Land use and land use change (PEF-GWPLU) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUw) - [CTUw]	Eutrophication, freshwater (PEF-EFw) - [kg P eq.]	Eutrophication, marine (PEF-EFm) - [kg N eq.]	Eutrophication, terrestrial (PEF-EFt) - [mole of N eq.]	Expended energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUhc) - [CTUhc]	Human toxicity, non-cancer (PEF-CTUhc-no) - [CTUhc-no]	Human toxicity, non-cancer (PEF-CTUhc-no) - [CTUhc-no]	Ionizing radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of diseases]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Redoxactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossil (PEF-ADF) - [MJ]	Resource use, minerals and metals (PEF-ADPe) - [kg Sb eq.]	Total non renewable primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]																									
																																							KH25C	B05191	F05001	FZ381	FZ382	FZ384	GZ04E	GZ04N	GZ07N	HYW014H	K010	K140	K142	K142D	K143	K144	K145	K148	K151	K156	K158	K159	K160F	K53	K54C
		3.71e-02	1.18e-01	-1.07e-04	1.18e-01	0.00e+00	0.00e+00	1.15e+03	2.01e-05	1.15e-01	1.27e-02	3.18e+03	2.62e+01	3.95e+00	5.00e+01	5.96e+01	6.11e-04	4.27e+03	3.67e+00	4.58e+02	8.00e+01	1.78e+01	1.92e+01	1.81e+01	2.42e+01	3.57e+03	4.00e+05	2.88e+00	6.80e+01	1.07e+01	3.52e-04	1.97e+01	2.31e+01	3.36e+01	0.00e+00	0.00e+00	0.00e+00	0.00e+00	0.00e+00	1.97e+01																							







Table with columns for product codes (R-AB5 to KN14N) and numerical data points. Includes a vertical label 'Installation A5' on the left.



KN14P	3398	1740	2850	1180	7170	0000	1030	1610	1550	9750	0000	2870	1180	3730	1100	3760	1180	1370	2310	4320	1120	0000	1200	2000	2750	6070	1520	0000	1130	4430	1120	1120	1280	1320	1300	0000	0000	0000	9110
KN18E	3420	1760	2130	1590	0000	0000	1370	1600	1320	8900	0000	2380	1600	3230	1100	2430	2350	1780	2380	6320	1880	0000	1330	1930	2060	6460	1500	0000	1080	3050	1360	1230	1300	0000	0000	0000	1230		
KN18N	3420	2030	2130	1590	0000	0000	1360	1760	1360	9380	0000	2420	1600	3300	1100	2480	2430	1840	2460	6320	1980	0000	1330	1930	2060	6460	1500	0000	1080	3110	1360	1230	1300	0000	0000	0000	1400		
KN18P	4300	2340	3300	1830	0000	0000	1500	2070	1730	12300	0000	3420	1830	4310	1400	4860	4540	3130	3710	8230	2130	0000	1460	2040	2300	7030	1800	0000	1450	4410	1450	1440	1340	1500	0000	0000	0000	1760	
KN22E	2530	1120	3160	1110	0000	0000	1130	1250	1210	7510	0000	2220	1000	2930	1100	2430	2430	1600	1580	3720	8460	0000	1170	1510	1780	4460	1150	0000	8640	2120	1020	8460	3760	1100	0000	0000	6790		
KN22N	2530	1120	2160	1110	0000	0000	1130	1250	1210	7510	0000	2220	1000	2930	1100	2430	2430	1600	1580	3720	8460	0000	1170	1510	1780	4460	1150	0000	8640	2120	1020	8460	3760	1100	0000	0000	6790		
KN22P	2280	1020	2030	1140	0000	0000	1080	1160	1440	6470	0000	2060	1180	3020	1100	2880	3050	1120	1280	2210	4580	0000	1090	1090	1380	2260	1480	0000	1080	3200	1090	1220	1480	1480	0000	0000	0000	6790	
KN26E	2350	1120	2160	1110	0000	0000	1130	1250	1210	7510	0000	2220	1000	2930	1100	2430	2430	1600	1580	3720	8460	0000	1170	1510	1780	4460	1150	0000	8640	2120	1020	8460	3760	1100	0000	0000	6790		
KN26N	2350	1120	2160	1110	0000	0000	1130	1250	1210	7510	0000	2220	1000	2930	1100	2430	2430	1600	1580	3720	8460	0000	1170	1510	1780	4460	1150	0000	8640	2120	1020	8460	3760	1100	0000	0000	6790		
KN26P	2350	1120	2160	1110	0000	0000	1130	1250	1210	7510	0000	2220	1000	2930	1100	2430	2430	1600	1580	3720	8460	0000	1170	1510	1780	4460	1150	0000	8640	2120	1020	8460	3760	1100	0000	0000	6790		
KN99E	7420	3970	4300	2470	0000	0000	2680	3340	3340	21800	0000	6840	2620	8340	1400	8760	8400	3750	4370	9530	2130	0000	3460	4300	4780	13760	3500	0000	1420	4210	1450	1400	1910	1910	0000	0000	0000	2050	
KN99P	4800	2380	4020	1900	0000	0000	2180	2180	2020	13200	0000	4020	1900	2950	1100	3220	1640	2910	3120	6320	1520	0000	2050	2720	3370	8360	2890	0000	1520	4720	1520	1730	2080	2080	0000	0000	0000	1240	
KT03A	6130	2820	1910	4360	2400	0000	1540	6460	1360	2820	0000	1260	1050	2140	1030	2110	2760	1530	2020	1730	3610	0000	5060	1180	9000	9000	1910	0000	3610	6420	3910	3300	1910	0000	0000	0000	6100		
KT07B	2720	1410	2400	2460	3770	0000	1230	1730	1730	7960	0000	2400	3710	3050	1100	3070	8320	1870	1670	3220	9100	0000	1240	1030	1030	4460	1220	0000	9100	2770	3120	1940	1220	0000	0000	0000	7420		
N160	3130	1320	9100	2300	1210	0000	1640	3360	7100	1450	0000	6420	9030	1100	1290	1350	3020	1410	1840	1840	3400	0000	2000	670	1360	4960	1100	0000	1940	3700	1640	1940	1940	0000	0000	0000	3110		
N160SD	3130	1320	9100	2300	1210	0000	1640	3360	7100	1450	0000	6420	9030	1100	1290	1350	3020	1410	1840	1840	3400	0000	2000	670	1360	4960	1100	0000	1940	3700	1640	1940	1940	0000	0000	0000	3110		
N161	5160	2360	1530	3760	2460	0000	1580	1030	1910	6370	0000	1800	1030	1910	1330	3810	1430	1700	1670	8470	3030	0000	4310	1010	2160	8180	1100	0000	3090	5410	3890	3700	1910	0000	0000	0000	5160		
N161DN	6090	6000	6000	6000	6000	0000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	
N161SB	5160	2360	1530	3760	2460	0000	1580	1030	1910	6370	0000	1800	1030	1910	1330	3810	1430	1700	1670	8470	3030	0000	4310	1010	2160	8180	1100	0000	3090	5410	3890	3700	1910	0000	0000	0000	5160		
NP1250	1870	7800	1400	4200	3000	0000	6800	8100	8200	5140	0000	1500	8770	2010	3270	1600	5120	1000	1080	2520	3910	0000	7980	1030	1200	2600	7880	3100	2910	1400	2910	8700	1980	0000	0000	0000	9440		
NP180	3720	1750	2410	1240	0000	0000	1760	1650	1640	9000	0000	3100	3100	3100	1400	1300	1450	1020	1000	1100	1100	0000	1580	2050	1360	6080	1100	0000	1100	1100	1300	1500	0000	0000	0000	3720			
NP2250	3740	1520	2880	1260	0000	0000	1760	1710	1620	1020	0000	3200	1370	4010	1030	3200	1620	1620	1620	2160	5160	1100	0000	1000	2070	2480	6120	1570	0000	1180	2380	1180	1340	1370	0000	0000	0000	9280	
NP250	6860	5780	3120	2820	1500	0000	3300	3130	3160	2000	0000	5770	2150	7070	1100	6150	4680	1720	1520	4360	8270	0000	3100	3980	4780	1400	3000	2240	1100	2240	2340	3000	3000	0000	0000	0000	1500		
NP630	1890	3470	3160	4370	1310	0000	1600	1400	2430	9400	0000	3300	2330	2100	1100	3300	1400	1400	1400	2160	6470	0000	8700	1380	1180	2480	3880	1000	6470	5980	6470	4700	1910	0000	0000	0000	1890		
N-PE160	6090	6000	6000	6000	6000	0000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000		
N-PE630	6090	6000	6000	6000	6000	0000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	
NS160	3130	1360	2620	1130	0000	0000	1120	1540	1440	9280	0000	2720	1940	3030	1100	1880	2020	2020	1940	4820	1070	0000	1440	1070	2170	1540	1430	0000	1070	2620	1070	1210	1430	0000	0000	0000	8420		
NS160-K	2880	1580	1370	1730	7360	1100	1570	1510	9100	0000	2840	1320	3470	1100	1430	3020	2360	2760	8440	4120	1160	0000	1530	1980	2350	7180	1570	0000	1100	5420	1100	1300	1500	0000	0000	0000	9440		
NS250	7940	3500	6200	2850	0000	0000	4100	3950	3720	2340	0000	6200	3130	8100	1230	7850	2420	3000	4940	1170	2760	0000	3640	4720	5480	1420	3000	2760	6470	2760	3300	3000	0000	0000	0000	2120			
NS250-K	1140	4890	6240	3800	0000	0000	1480	5210	5040	3140	0000	8270	4180	1220	1180	1100	1330	1000	6000	1520	3010	0000	4870	6310	7320	1870	4910	0000	3610	8840	3810	4380	4910	0000	0000	0000	2820		
NS630	8470	3470	6200	4370	1310	0000	1600	1400	2430	9400	0000	3300	2330	2100	1100	3300	1400	1400	1400	2160	6470	0000	8700	1380	1180	2480	3880	1000	6470	5980	6470	4700	1910	0000	0000	0000	1890		
NS630-K	1590	4890	6200	3800	0000	0000	1480	5210	5040	3140	0000	8270	4180	1220	1180	1100	1330	1000	6000	1520	3010	0000	4870	6310	7320	1870	4910	0000	3610	8840	3810	4380	4910	0000	0000	0000	2820		
NTK161	6090	6000	6000	6000	6000	0000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	0000	6000	6000	6000	6000	6000	6000	6000	6000	6000		
NTK161DN	1520	6760	1270	3480	3000	0000	1780	7380	7380	4310	0000	1520	6940	1780	1110	1440	4320	3420	2240	5160	1020	0000	7030	1080	1180	2680	6920	0000	5180	1270	3180	3880	6920	0000	0000	0000	4380		
NTK161SB	1520	6760	1270	3480	3000	0000	1780	7380	7380	4310	0000	1520	6940	1780	1110	1440	4320	3420	2240	5160	1020	0000	7030	1080	1180	2680	6920	0000	5180	1270	3180	3880	6920	0000	0000	0000	4380		
NTK251	3960	1420	3070	1320	0000	0000	1310	1810	1780	1020	0000	3220	1480																										



VKG91T	5136	1008	1840	9880	0000	0000	1380	2050	8240	1000	0000	4380	1200	3010	1440	2750	0000	0000	1800	1600	2320	0000	4800	4130	1900	3800	6800	0000	2300	3540	2300	3180	6800	0000	0000	0000	7600
VKG94T	2000	4000	7300	3300	0000	0000	1700	1000	2300	4010	0000	1700	5000	1200	2700	1100	0000	0000	7200	6700	1000	0000	1800	1000	1000	1000	1000	1000	1010	1400	1000	1200	2000	0000	0000	3000	
VKG95T	1000	2000	3800	2000	0000	0000	3700	3700	1200	2010	0000	8700	2300	6010	2800	5400	0000	0000	3000	3300	1000	0000	9700	6200	3300	7700	1340	0000	5000	7000	5000	6300	1340	0000	0000	1300	
VZ455	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
VZ455P	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
VZ456N	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
VZ456P	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
VZ928N	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
VZ930N	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
BH25C	8000	3800	2300	3000	0000	0000	3810	6010	6100	4300	0000	0000	7300	7010	2300	1800	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	1300	
K05191	3100	4700	1800	5400	0000	0000	5000	1400	4300	0000	0000	4000	4200	4100	1300	4500	5000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
FD00Q1	1910	4700	3800	2000	2110	0000	1700	4000	1900	2710	0000	-2070	3400	3300	1910	7300	2700	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
FZ381	4000	2400	1400	2400	2110	0000	2000	3400	3400	2010	0000	-1140	3010	3300	1300	7400	1300	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
FZ382	4000	2400	1400	2400	2110	0000	2100	3300	3100	2000	0000	-1000	3700	3400	1300	7400	1400	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
FZ384	2300	1700	1000	8100	2110	0000	2300	3600	3600	2000	0000	-1300	4700	4100	1300	8000	1000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
GZ04E	8000	2300	2300	2000	2110	0000	2300	3100	3100	2000	0000	-6700	1000	2010	2700	8700	1800	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
GZ04N	4000	2800	2400	2700	2110	0000	2200	4300	2700	3100	0000	-6700	8800	2400	2400	1800	1800	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
GZ07N	7200	3100	2000	2000	2110	0000	2300	3300	3700	0000	0000	-4200	1800	3400	1300	8700	1000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
HYW014H	2810	8200	6700	7800	0000	0000	1100	2400	1800	8300	0000	0000	2200	2100	5400	4700	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K010	1300	3800	9100	3700	0000	0000	3300	5000	3000	3500	0000	0000	3000	5100	1000	5600	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K140	2400	2400	2400	2400	2110	0000	3010	4300	6000	2000	0000	-7000	2800	1100	1300	1000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K142	7300	2400	2300	2400	2110	0000	3100	5100	2000	0000	0000	-7000	6000	5000	1700	1200	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K142D	7300	3400	2300	2700	2110	0000	3000	6100	6700	3700	0000	-7300	6100	7700	1300	1400	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K143	8000	3100	2400	2000	2110	0000	3400	7200	7200	4200	0000	-5010	6000	8400	1900	1600	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K144	9100	3800	2800	2000	2110	0000	3300	7300	8400	0000	0000	-1200	6400	1100	1300	1000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K145	8400	4400	3100	4200	2110	0000	4800	8700	7300	4300	0000	-7200	8000	8400	2000	1800	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
K148	8010	4100	2300	3400	0000	0000	3300	8000	5300	4300	0000	0000	0000	6300	3000	1600	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K151	9540	4400	2800	4100	2110	0000	4300	8000	7100	4300	0000	-7100	7800	8400	2400	1700	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K156	1010	9300	1000	8100	2110	0000	4300	8000	8000	0000	0000	-4100	9400	9100	2700	2400	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K158	1800	9400	1100	9100	2110	0000	8200	1200	9100	8000	0000	-4100	1100	1100	1300	2800	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K159	1810	1400	8300	1300	2110	0000	1300	2700	7100	1400	0000	-7000	2800	1000	7800	5000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K160F	4300	2000	1500	2000	2110	0000	1300	3000	2700	2800	0000	-1300	2800	3700	1300	1400	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K53	7910	3400	2300	3200	2110	0000	3300	5700	3200	3700	0000	-2400	1000	3400	3100	1000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K54C	1540	4200	8300	4100	0000	0000	1700	3700	5300	4040	0000	1000	2000	3000	1900	1700	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
K54K	1300	6300	4700	6000	2110	0000	4300	7200	6800	8700	0000	-2100	2000	1000	1000	1100	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
KH23C	1000	1400	2400	2400	0000	0000	2300	3100	2600	0000	0000	-4000	4400	4400	1400	1000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
KH24C	7700	3100	1800	2000	0000	0000	3000	3200	2100	3400	0000	0000	3000	6000	1800	1300	0000																				

KN26E	2495.0	1316.41	1.638.00	1.345.00	0.000.00	0.000.00	1.338.00	2.656.00	1.585.00	1.445.00	0.000.00	-1.178.00	2.400.00	1.745.00	7.975.00	4.866.00	0.000.00	0.000.00	1.190.00	1.932.00	1.830.00	0.000.00	1.465.00	8.200.00	4.996.00	3.866.00	2.666.00	0.000.00	1.885.00	2.480.00	1.880.00	2.060.00	0.000.00	0.000.00	0.000.00	4.418.00			
KN26N	2495.0	1362.01	1.782.00	1.386.00	0.000.00	0.000.00	1.340.00	2.666.00	1.590.00	1.450.00	0.000.00	-1.203.00	2.410.00	1.740.00	7.945.00	4.826.00	0.000.00	0.000.00	1.210.00	1.932.00	1.830.00	0.000.00	1.465.00	8.200.00	4.996.00	3.866.00	2.666.00	0.000.00	1.885.00	2.480.00	1.880.00	2.060.00	0.000.00	0.000.00	0.000.00	4.469.00			
KN26P	2315.0	1436.01	1.282.00	1.420.00	2.110.00	0.000.00	1.188.00	2.200.00	1.470.00	1.440.00	0.000.00	-1.166.00	2.110.00	1.555.00	7.200.00	4.396.00	1.836.00	0.000.00	0.000.00	9740.00	1.485.00	1.470.00	0.000.00	1.435.00	7.915.00	4.785.00	3.770.00	1.770.00	0.000.00	1.780.00	2.520.00	1.780.00	1.930.00	0.000.00	0.000.00	0.000.00	3.660.00		
KN99E	7800.00	4362.00	6.300.00	6.300.00	0.000.00	0.000.00	5.125.00	6.300.00	6.300.00	6.300.00	0.000.00	-6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00		
KN99P	7580.00	4362.00	6.300.00	6.300.00	0.000.00	0.000.00	5.125.00	6.300.00	6.300.00	6.300.00	0.000.00	-6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00			
KT03A	9150.00	4362.00	6.300.00	6.300.00	0.000.00	0.000.00	5.125.00	6.300.00	6.300.00	6.300.00	0.000.00	-6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00			
KT07B	1050.00	3200.00	4.380.00	4.380.00	2.110.00	0.000.00	2.430.00	1.110.00	9160.00	8550.00	0.000.00	-4.040.00	2.100.00	1.940.00	4.110.00	2.110.00	1.120.00	0.000.00	0.000.00	4460.00	1.020.00	1.020.00	0.000.00	3.140.00	3.030.00	2.230.00	1.470.00	8.620.00	0.000.00	6.620.00	1.600.00	6.000.00	7.000.00	6.000.00	6.000.00	6.000.00	1.880.00		
N160	9075.00	2451.00	3.105.00	2.980.00	2.110.00	0.000.00	2.080.00	3.945.00	2.400.00	0.000.00	-3.465.00	3.140.00	2.670.00	1.210.00	1.465.00	0.000.00	0.000.00	0.000.00	0.000.00	1710.00	2300.00	2310.00	0.000.00	2.460.00	1.230.00	1.645.00	1.130.00	1.970.00	0.000.00	3.010.00	2.610.00	3.010.00	2.610.00	0.000.00	0.000.00	0.000.00	6.420.00		
N160DN	9300.00	2304.00	4.760.00	1.060.00	0.000.00	0.000.00	3.030.00	3.750.00	2130.00	1710.00	0.000.00	-4.730.00	3.910.00	2.440.00	1.030.00	8.360.00	0.000.00	0.000.00	0.000.00	1690.00	6340.00	6340.00	0.000.00	1.770.00	9.930.00	976.00	1.530.00	2.930.00	0.000.00	2300.00	-2.480.00	2300.00	-2.480.00	2300.00	2300.00	2300.00	6110.00		
N160SB	5110.00	2420.00	3.710.00	2.200.00	2.110.00	0.000.00	2.130.00	3.910.00	2870.00	2320.00	0.000.00	-3.270.00	3.860.00	3.440.00	1.110.00	7.200.00	1.080.00	0.000.00	0.000.00	1770.00	3100.00	3100.00	0.000.00	2.810.00	1.280.00	1.780.00	1.340.00	3.180.00	0.000.00	2860.00	990.00	2300.00	3390.00	3.180.00	0.000.00	0.000.00	6.820.00		
N161	8000.00	4100.00	6.300.00	6.300.00	2.110.00	0.000.00	4.480.00	6.300.00	6.300.00	6.300.00	0.000.00	-4.480.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00	6.300.00			
N161DN	6300.00	3480.00	6.880.00	3.000.00	2.050.00	0.000.00	4.430.00	6.880.00	4160.00	3440.00	0.000.00	-2.650.00	6.750.00	4.880.00	2.870.00	1.230.00	0.000.00	0.000.00	0.000.00	3050.00	5640.00	5640.00	0.000.00	4.720.00	6.000.00	3.540.00	3.010.00	1.180.00	1.950.00	5770.00	0.000.00	4750.00	4830.00	4.720.00	5300.00	1.770.00	0.000.00	0.000.00	1130.00
N161SB	8300.00	3410.00	6.270.00	2.960.00	2.110.00	0.000.00	4.040.00	6.270.00	4130.00	3280.00	0.000.00	-1.480.00	6.090.00	4.930.00	3.480.00	1.230.00	1.300.00	0.000.00	0.000.00	3080.00	7470.00	7470.00	0.000.00	4.490.00	6.000.00	3.000.00	3.030.00	1.170.00	1.960.00	5.530.00	0.000.00	4490.00	4440.00	4.490.00	5300.00	1.970.00	0.000.00	0.000.00	1160.00
NP1250	8880.00	2440.00	1.610.00	2.380.00	0.000.00	0.000.00	2.140.00	2.680.00	3.880.00	2380.00	0.000.00	-2.000.00	3.740.00	4.370.00	1.080.00	1.070.00	0.000.00	0.000.00	0.000.00	2080.00	3280.00	3280.00	0.000.00	2.880.00	1.680.00	1.680.00	1.680.00	2.820.00	4.680.00	0.000.00	3.020.00	3.020.00	3.020.00	3.020.00	3.020.00	3.020.00	9.800.00		
NP180	9000.00	2700.00	1.000.00	2.980.00	0.000.00	0.000.00	2.030.00	2.550.00	2370.00	0.000.00	-0.000.00	1.970.00	2.670.00	1.210.00	1.180.00	0.000.00	0.000.00	0.000.00	0.000.00	1710.00	3200.00	3210.00	0.000.00	2.970.00	1.180.00	1.180.00	1.180.00	2.970.00	0.000.00	3.010.00	2.840.00	2.970.00	2.840.00	0.000.00	0.000.00	0.000.00	6.270.00		
NP2250	1790.00	4320.00	2300.00	3300.00	0.000.00	0.000.00	3.500.00	1.010.00	7630.00	4450.00	0.000.00	-0.000.00	1.030.00	8.910.00	8730.00	3100.00	0.000.00	0.000.00	0.000.00	4890.00	6490.00	6490.00	0.000.00	4.940.00	6.200.00	4.940.00	2.930.00	1.730.00	4.630.00	0.000.00	6300.00	5450.00	6300.00	7140.00	8300.00	0.000.00	0.000.00	8100.00	
NP250	1280.00	7890.00	3960.00	6050.00	4330.00	0.000.00	8280.00	11.530.00	8300.00	7030.00	0.000.00	-1.200.00	1.480.00	9.840.00	4210.00	2330.00	0.000.00	0.000.00	0.000.00	8700.00	2840.00	8410.00	0.000.00	7300.00	6.490.00	7300.00	4.930.00	2.430.00	2.110.00	1.170.00	0.000.00	8410.00	1180.00	8410.00	1.090.00	1170.00	0.000.00	0.000.00	2480.00
NP630	1480.00	4100.00	4.930.00	4.930.00	0.000.00	0.000.00	1.050.00	1.050.00	7.640.00	0.000.00	-1.000.00	1.820.00	1.820.00	1.130.00	3.950.00	3.950.00	0.000.00	0.000.00	0.000.00	2490.00	8410.00	8410.00	0.000.00	4.930.00	1.480.00	1.480.00	1.480.00	4.930.00	0.000.00	3.000.00	1.000.00	4.930.00	1.000.00	4.930.00	1.000.00	4.930.00	7.040.00		
N-PE160	3780.00	8220.00	4.160.00	4.800.00	0.000.00	0.000.00	7.260.00	1.960.00	1240.00	5700.00	0.000.00	-0.000.00	1.960.00	1.340.00	3.260.00	2.830.00	0.000.00	0.000.00	0.000.00	6790.00	7270.00	7800.00	0.000.00	6.080.00	4.910.00	2380.00	5.180.00	1.170.00	0.000.00	7880.00	3300.00	7800.00	3300.00	3300.00	3300.00	1.170.00	0.000.00	2300.00	
N-PE630	4310.00	1100.00	1.100.00	1.340.00	0.000.00	0.000.00	2.040.00	3.700.00	3.000.00	1.550.00	0.000.00	-0.000.00	3.760.00	3.270.00	3.840.00	1.560.00	0.000.00	0.000.00	0.000.00	1810.00	2120.00	2250.00	0.000.00	1.700.00	1.070.00	820.00	1.530.00	3.150.00	0.000.00	2210.00	1.680.00	2210.00	2300.00	3.150.00	0.000.00	0.000.00	6700.00		
NS160	4360.00	2400.00	1.140.00	2.300.00	0.000.00	0.000.00	2.030.00	2.610.00	2330.00	2340.00	0.000.00	-0.000.00	3.850.00	3.240.00	1.080.00	1.810.00	0.000.00	0.000.00	0.000.00	1830.00	2370.00	2380.00	0.000.00	2.100.00	1.230.00	800.00	2.120.00	3.240.00	4.680.00	0.000.00	3.020.00	3.020.00	3.020.00	3.020.00	3.020.00	3.020.00	9.800.00		
NS160-K	4600.00	2400.00	1.170.00	2.400.00	0.000.00	0.000.00	2.070.00	2.640.00	2350.00	2350.00	0.000.00	-0.000.00	3.860.00	3.240.00	1.100.00	1.810.00	0.000.00	0.000.00	0.000.00	1830.00	2370.00	2380.00	0.000.00	2.100.00	1.230.00	800.00	2.120.00	3.240.00	4.680.00	0.000.00	3.020.00	3.020.00	3.020.00	3.020.00	3.020.00	3.020.00	9.800.00		
NS250	1410.00	6250.00	3320.00	3880.00	0.000.00	0.000.00	5.170.00	1.060.00	9740.00	6330.00	0.000.00	-0.000.00	1.180.00	1.070.00	1.180.00	3.450.00	0.000.00	0.000.00	0.000.00	5380.00	7360.00	7360.00	0.000.00	5.930.00	3.640.00	3200.00	3.670.00	9.800.00	0.000.00	7330.00	5140.00	7330.00	8320.00	8300.00	0.000.00	0.000.00	2800.00		
NS250-K	2060.00	7890.00	4360.00	7260.00	0.000.00	0.000.00	7170.00	1.530.00	8650.00	7590.00	0.000.00	-0.000.00	2.120.00	1.890.00	3.430.00	2.840.00	0.000.00	0.000.00	0.000.00	7990.00	8890.00	8900.00	0.000.00	6100.00	4.740.00	4370.00	2380.00	1.270.00	0.000.00	9300.00	1700.00	9300.00	1.090.00	1170.00	0.000.00	0.000.00	3050.00		
NS630	2810.00	6900.00	4360.00	4360.00	0.000.00	0.000.00	1.000.00	1.000.00	7.080.00	0.000.00	-0.000.00	1.300.00	1.300.00	1.130.00	3.950.00	3.950.00	0.000.00	0.000.00	0.000.00	8400.00	8400.00	8400.00	0.000.00	4.930.00	1.480.00	1.480.00	1.480.00	4.930.00	0.000.00	3.000.00	1.000.00	4.930.00	1.000.00	4.930.00	1.000.00	4.930.00	7.040.00		
NS630-K	1780.00	8760.00	5090.00	8260.00	0.000.00	0.000.00	9280.00	1.810.00	1170.00	8810.00	0.000.00																												



VZ928N	-1.84E+02	-1.11E+01	2.75E+03	-1.94E+01	0.00E+00	0.00E+00	-3.06E+00	-2.88E+03	-1.23E+04	-9.52E+02	0.00E+00	0.00E+00	-2.98E+00	-9.00E+01	-3.96E+04	-4.78E+00	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-7.88E+01	0.00E+00	-3.70E+03	-2.25E+08	-4.36E+03	0.00E+00	-4.90E+01	0.00E+00	-7.60E+01	-7.78E+02	-7.88E+01	-2.25E+08	-4.90E+01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02
VZ930N	-1.84E+02	-1.11E+01	2.75E+03	-1.94E+01	0.00E+00	0.00E+00	-3.06E+00	-2.88E+03	-1.23E+04	-9.52E+02	0.00E+00	0.00E+00	-2.98E+00	-9.00E+01	-3.96E+04	-4.78E+00	0.00E+00	0.00E+00	-3.68E+00	0.00E+00	-7.88E+01	0.00E+00	-3.70E+03	-2.25E+08	-4.36E+03	0.00E+00	-4.90E+01	0.00E+00	-7.60E+01	-7.78E+02	-7.88E+01	-2.25E+08	-4.90E+01	0.00E+00	0.00E+00	0.00E+00	-1.94E+02