1 Purpose and Scope

The purpose of this document is to cover Recycling, Reuse and other Regulatory marking requirements for Viasat Inc. packaging (shipping materials) and Section 2.4 covers finished product environmental markings. Fulfillment organization has created document number PR000533 that may cover other marking requirements.

2 Packaging Documentation Compliance

2.1 Use RoHS drawing template PR000522 for all packaging drawings. This will cover the China RoHS packaging requirement. Please add the following statement(s) on Packaging Drawings.

- All materials used in packaging must not contain heavy metals exceeding the following amounts at the homogenous material level; Cadmium-50 PPM, Lead 100 PPM, Mercury- 100 PPM, Hexavalent Chromium- 100 PPM per Regulation (EU) 2025/40 and other applicable EU laws.
- The European "REACH" Regulation Directive 1907/2006 on **R**egistration, **E**valuation & **A**uthorization and Restriction of **Ch**emicals entered into force June 1, 2007. REACH requires more communication between customers, suppliers and manufacturers on substances used in the products and packaging. Given the new legal requirements, Viasat Inc. requests that the supplier provide all substance data for products substance weight/total product weight (wt/ total wt) that is supplied to Viasat Inc. If the supplier does not have this capability; then at a minimum they must provide disclosure to the SVHC's (Substances of Very High Concern) substances contained in their product listed in Appendix XIV of Article 33 of REACH Directive 1907/2006. Please note that it is to the supplier's advantage to provide all substances. As a Supplier to Viasat Inc. you shall be required to automatically provide REACH substance updates when chemical substances of the product or the SVHC list is updated if all substances and amounts are not disclosed upfront. Updated communication is required with out a formal request from Viasat. These updates can be sent to the following email address:

  Compliance-ProductEnvironmental@viasat.com
- Also, if any SVHC substance is above 0.1% (wt/twt), please provide a Communication Data or SDS sheet on how to handle, use and properly dispose of this product. The current list of SVHC can be found at on the ECHA Website:

  http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp
- Packaging shall conform to current Regulation (EU) 2025/40 on packaging and packaging waste. All packages will be labeled for identification of contents with quantity, the Viasat Part Number and/or Manufacturers Part Number, manufacturers name, address (if not already on label), electronic means of contact, product description, revision level, and country of origin as per the requirements of Regulation (EU) 2025/40, Article 15, paragraphs 5 and 6. If specified on the Purchase Order, the labeling requirements of Article 18, paragraph 3 shall be met. For each unique type, batch, or serial number, provide the EU declaration of conformity in accordance with Annex VII and VIII to ppwr@viasat.com.

3 Packaging Material and Packaging Marking

3.1 Shall be designed using reusable and/or recyclable corrugated board, card fiber board, paper board, plastics, paper, foam or wood products and of sufficient strength to protect the product for multiple individual shipments. Please refer to Addendum 1- "Packaging Marking & Allowable Packaging Substance Limit Guidelines for Various Countries" for specific country marking and heavy metal requirements.

- Corrugated board recycling marks are as follows:





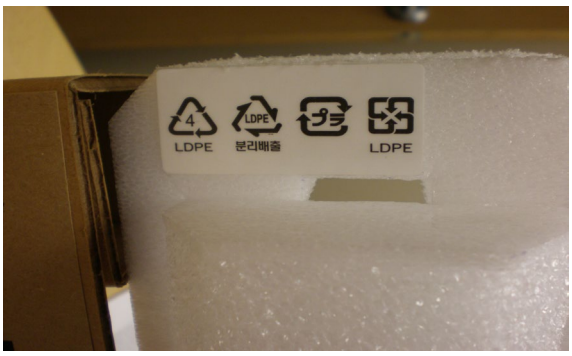


Where: CB =China Req. PAP = EU Req. Corrugated Symbol = USA Req.

Please refer to Country Specific documents for other Material type markings if needed. The symbols above are for reference only and may not represent the latest requirements. It is the supplier's responsibility to follow the latest applicable laws and marking requirements.

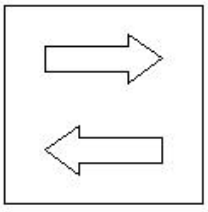
3.2 **Plastic/Foam Marking**

- Marking shall adhere to EU SPI Codes per document 1045446, China RoHS and South Korea (Optional) plastic marking requirements may also be required.
- See example below which also includes additional country markings



3.3 **Reuse Marking on Packaging**

a. When packaging is designed for reuse this marking shall be printed or labeled on the outside of the reusable packaging material



Note: (Fill in arrow color to match other packaging marking)

3.4 **Packaging marking where batteries are installed or shipped with the product** – Refer to the EHS procedures:

- PR000757 - Safety Guidelines for the Use and Storage of Batteries
- PR001241 – Shipment of Products Containing Lithium Batteries

Figure 4: Example of Packaging marking

Example of Packaging mark on bottom of corrugated packaging or corrugated inserts: This will cover 85% of general corrugated marking requirements.

Note: 1. Vendor marking and burst pressure not included in this example

2. Images not to scale

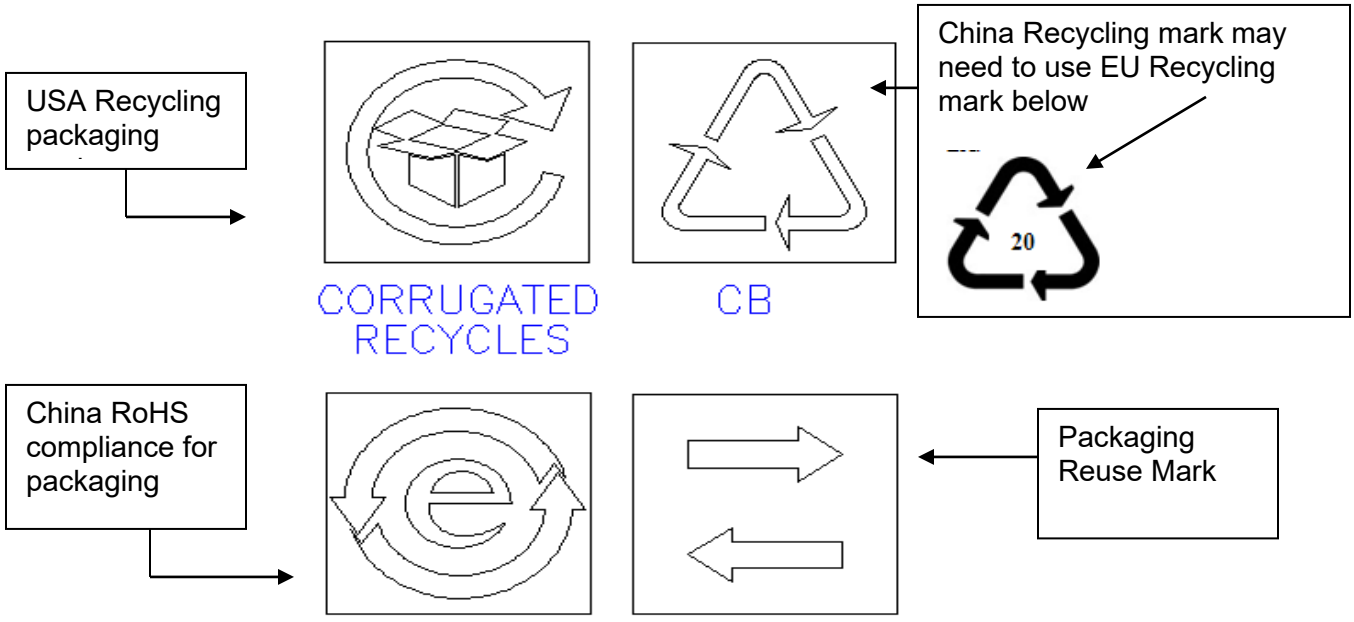
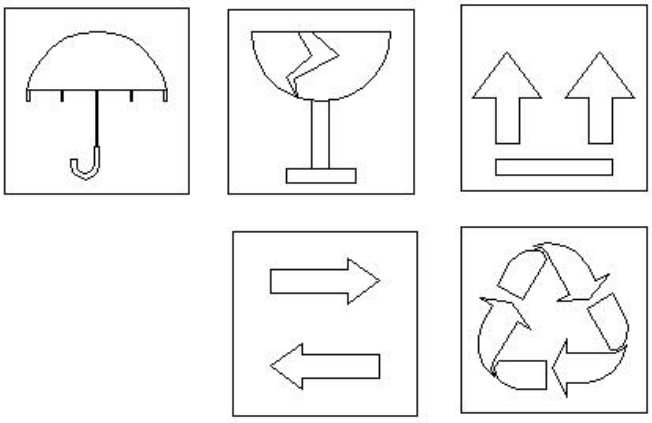


Figure 5: Example of General Product marking on 2-sides of cardboard packaging:

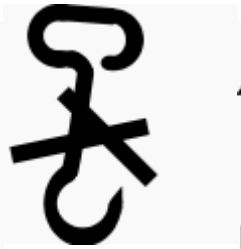
Note: Product label marking and ESD marking is not included



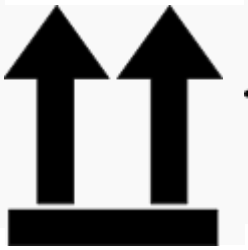
b. **Apply other industry Marks as required.**



Fragile



Do not use hand hooks



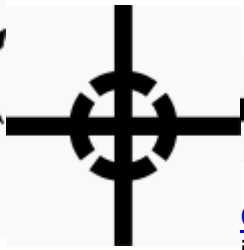
This way up



Keep away from sunlight



Keep away from water



Centre of gravity



Clamp as indicated

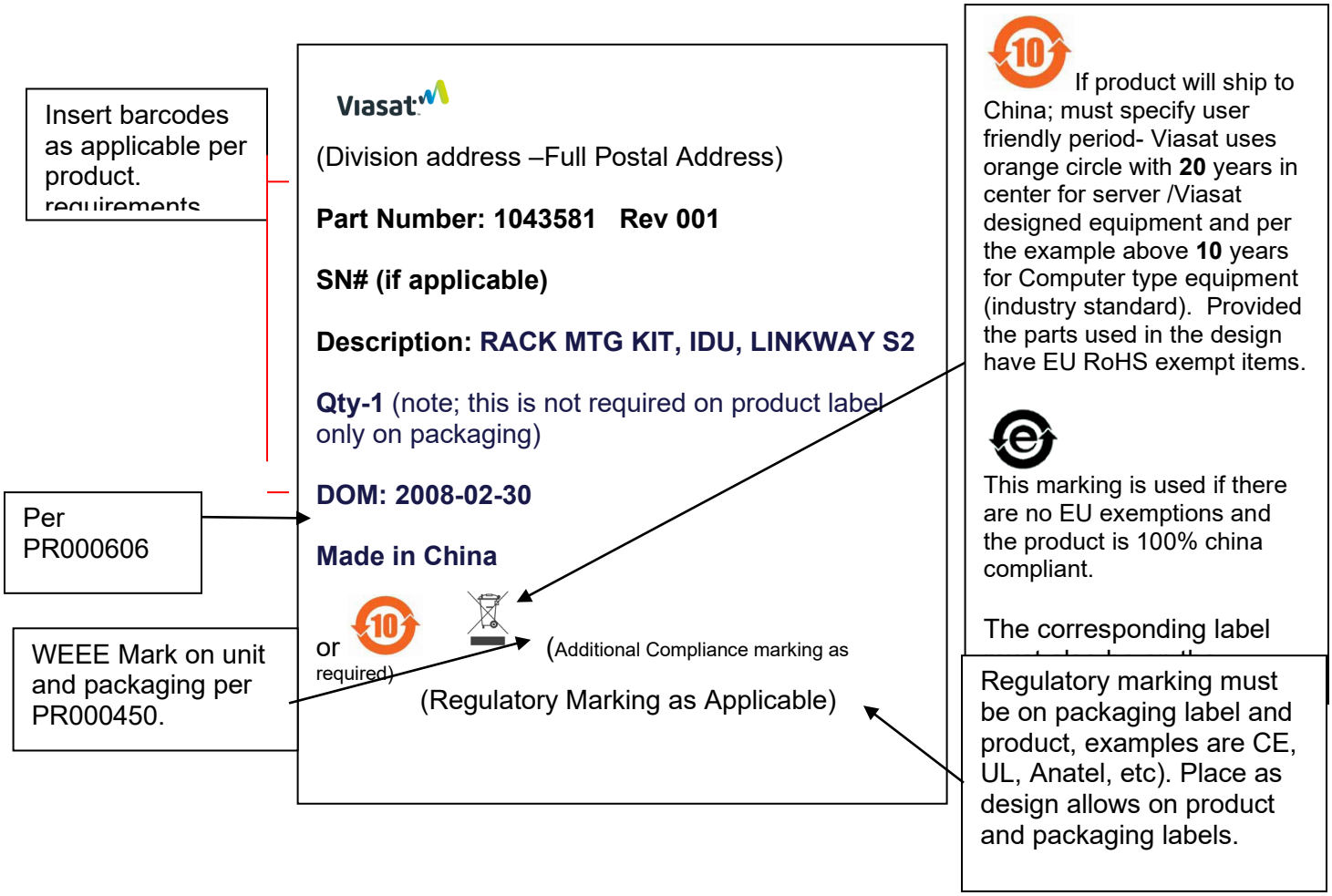


Do not clamp as indicated

3.5 Product & Packaging ID Label/Marking

Product Identification label must include the following:

1) Logo: Contact, Viasat, Configuration Management for appropriate logo file (several file types available; eps, bpm, jpg, pdf, etc.)
2) Division Street Address- Full Postal Address
3) Product part number ID: "1043581" Rev. xx where xx=(current revision).
4) Description "RACK MTG KIT,IDU, LINKWAY S2".
5) Quantity "QTY-1", (not required for product marking only for packaging marking).
6) DOM: Date of Manufacture Format: YYYY-MM-DD (use leading zeros for single digit months) EX.2008-02-30.
7) Origin of manufacture (ex. Made in China) – Note: Marketers and manufacturers promoting their products as Made in USA must meet the "all or virtually all" standard per "Complying with the Made in USA Standard" via the Federal Trade Commission.
8) WEEE marking, China RoHS marking, other regulatory marking (when applicable).
9) Arial, true font.
10) Label/Marking font size is optional to contract manufacturer depending on external package size. Label/Marking shall readable from a distance of 18"-24" with normal corrected vision.



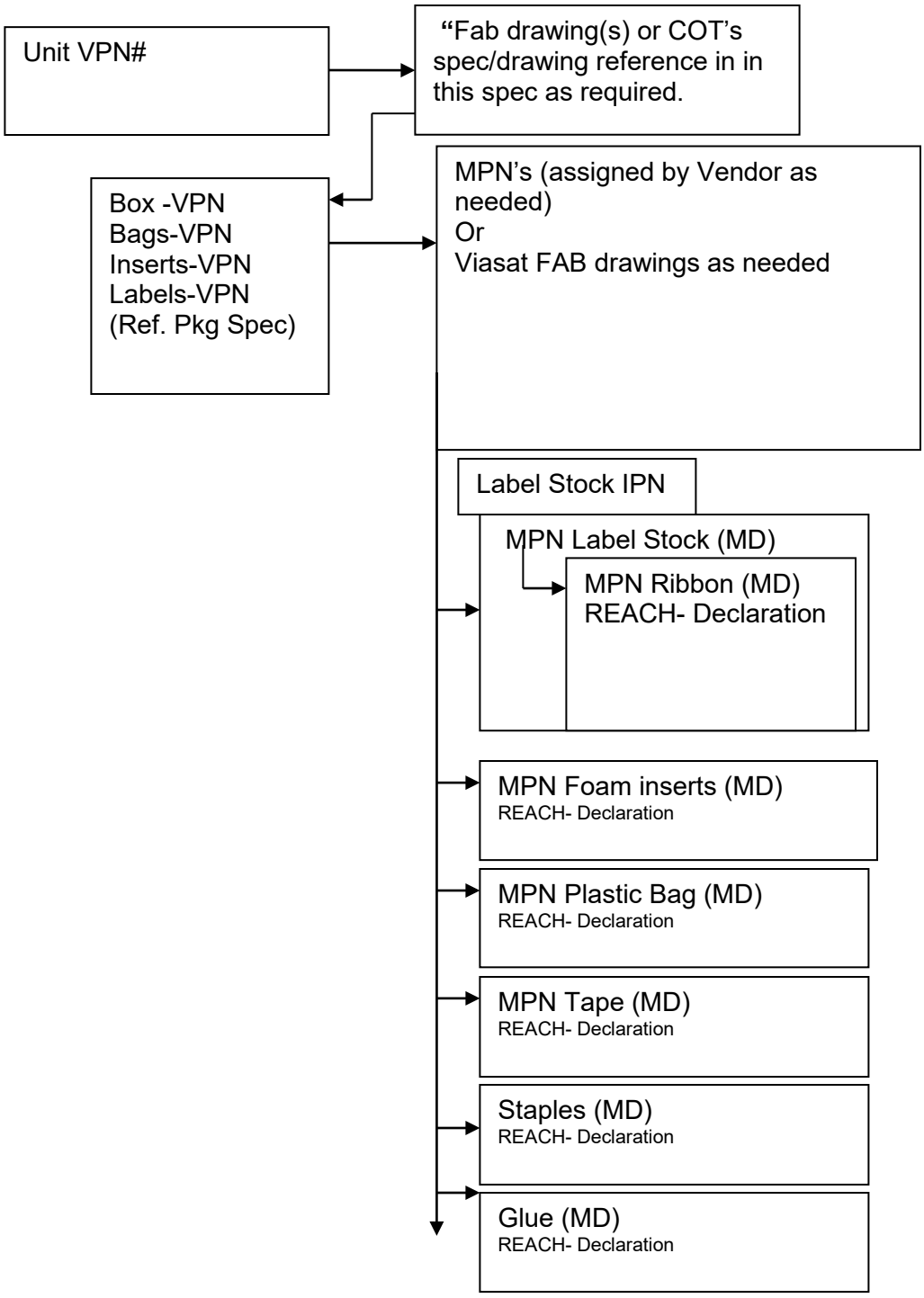
3.5.1 Packaging marking for Regulation (EU) 2025/40

Packaging labeling shall meet requirements of Regulation (EU) 2025/40, Article 15, paragraphs 5 and 6. If specified on the Purchase Order, the labeling requirements of Article 18, paragraph 3 shall be met. For each unique type, batch, or serial number, provide the EU declaration of conformity in accordance with Annex VII and VIII to ppwr@viasat.com. Examples are provided below:

Packaging information for XXXXXXXX
Manufacturer: XXXXXXX
ADDRESS LINE 1
ADDRESS LINE 2
email@email.com

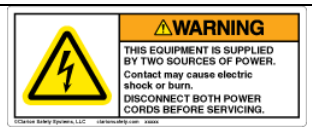
Packaging information for XXXXXXXX
Importer: XXXXXXX
ADDRESS LINE 1
ADDRESS LINE 2
email@email.com

3.5.2 Please use Over-pack Marking Specification- Reference PR000607 for Over-pack marking


Unit VPN#
"Fab drawing(s) or COT's spec/drawing reference in in this spec as required.
Box -VPN
Bags-VPN
Inserts-VPN
Labels-VPN
(Ref. Pkg Spec)
MPN's (assigned by Vendor as needed)
Or
Viasat FAB drawings as needed
Label Stock IPN
MPN Label Stock (MD)
MPN Ribbon (MD)
REACH- Declaration
MPN Foam inserts (MD)
REACH- Declaration
MPN Plastic Bag (MD)
REACH- Declaration
MPN Tape (MD)
REACH- Declaration
Staples (MD)
REACH- Declaration
Glue (MD)
REACH- Declaration

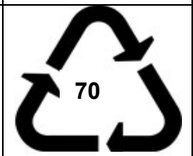
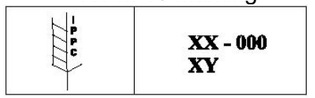
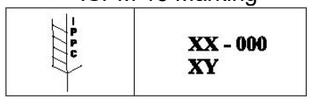
3.6 Safety Compliance, Power Input Rating, and Common Symbols Guide

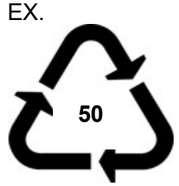
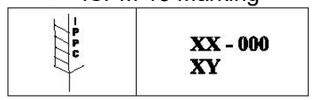
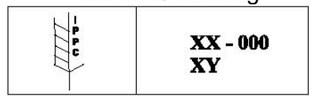
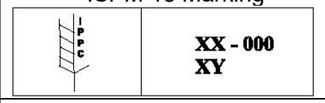
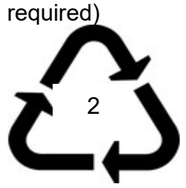
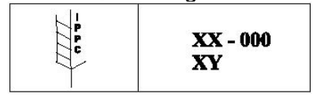
1. Power rating, format accordance with IEC 60950, examples:
   a. AC power: 100 – 240 VAC, 50/60 Hz, 5 A or 100 – 120 V~, 60 Hz, 30 W or 230 V, 50 Hz, 2 A max. (x2)
   b. DC power: 28 VDC ⎓, 5 A max. or 5 A, 24 – 32 V ⎓, or 28(±4) VDC ⎓, 25 W
2. Common safety symbols, shall be in accordance with IEC 60417 or ISO 3864-2 or ISO7000:

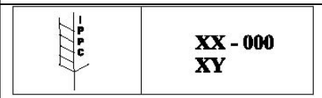
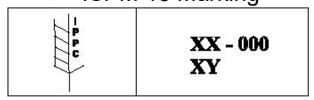
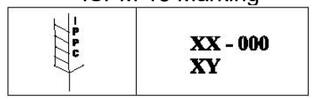
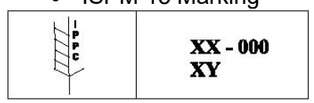
Function	Symbol	Standard	Usage
Power On		IEC 60417, No. 5007	Turn on power for device.
Power Off		IEC 60417, No. 5008	Turn off power for device.
Power On/Off		IEC 60417, No. 5010	Push on and off hard switch, cut off AC power to primary circuit.
Standby		IEC 60417, No. 5009	For secondary switch. (e.g. controlling the Power Supply)
Protect Earth (PE) Ground		IEC 60417, No. 5019	First Ground into the equipment, from Appliance inlet or EMI filter, connected to building/earth. This safety stub needs its independent nut and star washer.
Protective Bonding Ground		IEC 60417, No. 5017	Use internally for all other safety grounding beside PE. Not required for functional Ground.
Chassis Ground		IEC 60417, No. 5020	Use on external chassis stub.
Electric Shock hazard		ISO 3864, No. 5036	High voltage warning.
Hot surface warning		IEC 60417, No. 5041	High temperature warning.
Two power source		IEC 60950-1 or equivalent(or similar symbol or wording)	Safety warning to disconnect all input for multiple power sources.

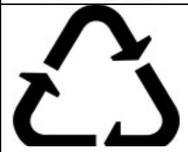
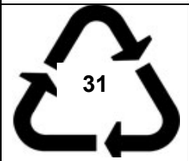
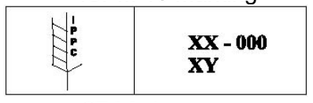
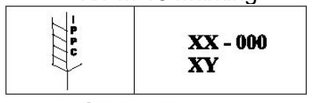
3. Common safety colors, shall comply with IEC 60073:
   a. Ground wiring: Any insulation shall be green-and-yellow.

Addendum 1- Packaging Marking & Allowable Packaging Substance Limit Guidelines for Various Countries

Country	WEEE MARKING	RoHS Mark	PB PPM	Hg PPM	Cr (VI) PPM	Cd	Plastic/Foam Marking	Wood Marking	Corrugated Cardboard & Corrugated Fiber Board	Metals, Glass, Composite Materials	Recycling Requirement	Notes:
United States	PR000450 Recommend but not required 	N/A	100	100	100	100	 **PET** The symbol must be between 0.5 in (1.27 cm) and 1 in (2.54 cm) in height. It must be durable, clearly visible, and easily legible when the package is opened. The abbreviation must be in capital letters.	ISPM 15- addresses the need to treat wood materials that are thicker than 6mm to prevent the transport of insects that could negatively impact an ecosystem. **"Bark Free natural wood"**		 **GL**	Voluntary	• ISPM 15 Marking  XX: represents the two letter ISO country code 00: is the unique certification number issued to NPPOs
Germany	PR000450 Required 	N/A	100	100	100	100	Required see notes & Addendum EX.  **PET**	ISPM 15 Marking & "50" in triangle EX.  **FOR**	Required see notes & Addendum EX.  **PAP**	Required see notes & Addendum EX.  **70** Recommended for glass recyclables 	Use corrugated board where possible, Prefers reusable plastic pallets instead of ISPM 15 Pallets	• ISPM 15 Marking  • Packaging must be marked in accordance with specific numbers and abbreviations for packaging materials, i.e. (1) plastics, (2) paper and fiberboard, (3) metals, (4) wood, (5) textiles, (6) glass, and (7) composites. The marking must be clearly visible, easily legible, and lasting, even when the packaging is opened. • CE is required by the EU and is used to demonstrate that a product meets all essential requirements related to safety, health, energy efficiency and/or environmental concerns. 

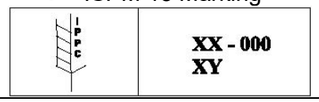
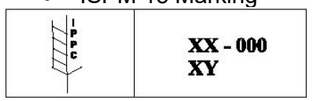
Country	WEEE MARKING	RoHS Mark	PB PPM	Hg PPM	Cr (VI) PPM	Cd	Plastic/Foam Marking	Wood Marking	Corrugated Cardboard & Corrugated Fiber Board	Metals, Glass, Composite Materials	Recycling Requirement	Notes:
Austria	PR000450 Required 		100	100	100	100	Required see notes & Addendum 1 EX. Same as Germany	ISPM 15 Marking & “50” in triangle EX. 	Same	Same		• ISPM 15 Marking  • CE Marking 
Australia	N/A recommend using 	N/A	N/A	N/A	N/A	N/A	Required see notes & Addendum	ISPM 15 Marking & “50” in triangle EX. 	Same	Same	Minimize packaging design to minimize waste.	• Recommend following EU requirements for heavy metals in packaging • ISPM 15 Marking 
Argentina	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ISPM 15	N/A	N/A	N/A	• Recommend following EU requirements for heavy metals in packaging • ISPM 15 Marking 
Brazil	N/A Voluntary 	N/A	N/A	N/A	N/A	N/A	Voluntary (not required) 	**Voluntary, (Not Required)** 	Voluntary (not required) 	Voluntary		Recycling Symbols used in Brazil  • ISPM 15 Marking 
Belgium	PR000450	N/A	100	100	100	100	Required	ISPM 15	Required	Required	YES	• ISPM 15 Marking

Country	WEEE MARKING	RoHS Mark	PB PPM	Hg PPM	Cr (VI) PPM	Cd	Plastic/Foam Marking	Wood Marking	Corrugated Cardboard & Corrugated Fiber Board	Metals, Glass, Composite Materials	Recycling Requirement	Notes:
	Required 						see notes & Addendum EX. Same as Germany		see notes & Addendum EX. Same as Germany	see notes & Addendum EX. Same as Germany		 • CE Markings 
Bulgaria	PR000450 Required 	N/A	100	100	100	100	Required see notes & Addendum EX. Same as Germany	ISPM 15	Required see notes & Addendum EX. Same as Germany	Required see notes & Addendum EX. Same as Germany		• ISPM 15 Marking  • CE Marking 
Cyprus	PR000450 Required 	N/A	100	100	100	100	Required see notes & Addendum EX. Same as Germany	ISPM 15	Required see notes & Addendum EX. Same as Germany	Required see notes & Addendum EX. Same as Germany		• Green Dot; transport packaging is marked with the RESY logo. Green Dot is **Mandatory** in Cyprus, Greece, Portugal, and Spain. It is optional in all other EU countries.  • ISPM 15 Marking  • CE Marking 
Czech Republic	PR000450 Required 	N/A	100	100	100	100		ISPM 15				• ISPM 15 Marking 

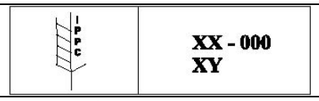
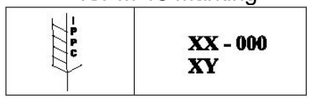
Country	WEEE MARKING	RoHS Mark	PB PPM	Hg PPM	Cr (VI) PPM	Cd	Plastic/Foam Marking	Wood Marking	Corrugated Cardboard & Corrugated Fiber Board	Metals, Glass, Composite Materials	Recycling Requirement	Notes:
China GB 18455-2001	N/A	Per SJ/T11364-2014 use either logo 1  or logo 2 	1000	1000	1000	100	 Ex. High density polyethylene Required	ISPM 15 And the following mark to denote renewable material for certain wood and corks.  **NW**	 **CB "or" CF see note and logo 1 per Document# 1060383**  Also Requires logo1 label if is China RoHS compliant or logo 2 label if non-compliant	 **Paper or fiberboard /plastic**	Optional (but recommended) per GB/T 18455-2010	• Use either Logo 1 for RoHS compliant no exemptions, Logo 2 w/ Material Declaration for Exemptions. USE either "CB" or "CF" for cardboard. See Addendum 2 for other packaging codes. Labeling per 1060383, marking procedure 1059376, • China RoHS mark (ref. Viasat part numbers: 1057567, Green compliant, or 1058188, Orange, Non-compliant labels). Additionally, if the product is declared to be non-compliant, the specific product will be accompanied with a Material Declaration form (ref. blank form, part number 1058717) which is specific for that individual product. • ISPM 15 Marking
Denmark	PR000450 Required 	N/A	100	100	100	100	Required see notes & Addendum EX. Same as Germany	ISPM 15	Required see notes & Addendum EX. Same as Germany	Required see notes & Addendum EX. Same as Germany		• ISPM 15 Marking  • CE Marking 
Estonia		N/A	100	100	100	100	Required see notes & Addendum EX. Same as Germany	ISPM 15	Required see notes & Addendum EX. Same as Germany	Required see notes & Addendum EX. Same as Germany		• ISPM 15 Marking  • CE Marking 
Eurasian Customs Union		CU Conformity Mark	1000	1000	100	100	N/A	N/A	N/A	N/A		• "On Restriction of Hazardous Substances in Electrical and electronics products"

Country	WEEE MARKING	RoHS Mark	PB PPM	Hg PPM	Cr (VI) PPM	Cd	Plastic/Foam Marking	Wood Marking	Corrugated Cardboard & Corrugated Fiber Board	Metals, Glass, Composite Materials	Recycling Requirement	Notes:
Countries (EAEU): The Russian Federation, Republics of Kazakhstan, Belarus, Armenia, Kyrgyzstan		, which requires the mark To be at least 5mm EAC										• The EAC marking is to identify that the products conform to the assessment of technical regulations of the Eurasian Economic Union
Hong Kong	N/A	N/A	N/A	N/A	N/A	N/A	1 PETE OR 01 PET The plastic coding system is used to identify materials from 1-7.	ISPM 15	N/A	N/A	Voluntary “WASTEWI$E” Logo. See notes	• “WasteWi$e” is an optional certification obtained by demonstrating commitment to self-improvement in specific environmental aspects 卓越減廢 Wastewi$e 香港環保卓越計劃 Hong Kong Awards for Environmental E • ISPM 15 Marking IPPC XX - 000 XY
India	Use of the symbol is required		1000	1000	1000	100	N/A	ISPM 15	N/A	N/A	N/A	• Regulation per E-waste (Management and Handling) Rules 2011 • ISPM 15 Marking IPPC XX - 000 XY
Japan		Markings per JIS C 0950 use either Logo 1	100	100	100	100	The vertical length of the Identification Mark should be 6mm for printing or labels and 8mm or more for embossing.	ISPM 15	The symbol for paper	Aluminum アルミ Steel	Law for Promotion of Effective Utilization of Resources in Japan (Japanese	• Per JIS C 0950: The use of logo 1 is voluntary for the following conditions: • None of the six RoHS substances are over the target value (whether or not it falls under the “exemptions”) • Some of the six substances are over

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		or Logo 2					Below is the symbol for recyclable plastics:				Recycling Law)	the target value, but it falls under the "exemptions" which are listed in the Annex B of JIS C 0950:2008 Use logo 2 if any of the six substances are over the RoHS target value. • ISPM 15 Marking XX - 000 XY
Lithuania	PR000450 Required		100	100	100	100	Required see notes & Addendum EX. Same as Germany	ISPM 15	Required see notes & Addendum EX. Same as Germany	Required see notes & Addendum EX. Same as Germany		• Packaging must be marked to identify the material it is made of. The marking procedure shall be determined by the Government or an institution authorized by it. • Green Dot labeling is voluntary • ISPM 15 Marking XX - 000 XY • CE Marking
Malta	PR000450 Required		100	100	100	100	Required see notes & Addendum EX. Same as Germany	ISPM 15	Required see notes & Addendum EX. Same as Germany	Required see notes & Addendum EX. Same as Germany		• It is mandatory for producers to indicate its identification and classification on the packaging or on the label in order to facilitate collection, reuse and recovery. Such markings shall be clearly visible and easily legible, appropriately durable and lasting, even when the packaging has been opened • ISPM 15 Marking XX - 000 XY • CE Marking

Country	WEEE MARKING	RoHS Mark	PB PPM	Hg PPM	Cr (VI) PPM	Cd	Plastic/Foam Marking	Wood Marking	Corrugated Cardboard & Corrugated Fiber Board	Metals, Glass, Composite Materials	Recycling Requirement	Notes:
Malaysia	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ISPM 15	N/A	N/A	N/A	• ISPM 15 Marking 
Saudi Arabia	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	• ISO 9000 standards for its packaging and labeling requirements. The Saudi Quality Mark (below) indicates conformity of the product to relevant Saudi technical regulations or Saudi standards. A License must be obtained to use the Saudi Quality Mark. 
Singapore	N/A	N/A	1000	1000	1000	100	Recommend SPI Codes	ISPM 15	N/A	N/A	N/A	• Environmental Protection and Management Act (known as Singapore RoHS or SG RoHS) and will restrict 6 hazardous substances in some electrical and electronic equipments (EEE) • ISPM 15 Marking  • If a paint that contains red lead oxide where the lead content is more than 1% the label should contain the following words and symbol, “HARMFUL BY INHALATION AND IF SWALLOWED. DANGER OF CUMULATIVE EFFECTS.”

Country	WEEE MARKING	RoHS Mark	PB PPM	Hg PPM	Cr (VI) PPM	Cd	Plastic/Foam Marking	Wood Marking	Corrugated Cardboard & Corrugated Fiber Board	Metals, Glass, Composite Materials	Recycling Requirement	Notes:
												
South Korea	N/A recommend using 	N/A	1000	1000	1000	100		ISPM 15	Recommend SPI code (no requirement)	N/A	Recycle waste in accordance with *Recycling Methods and Standards by Product Categories* as prescribed by a Ministry of the Environment Ordinance.	• Self-declaration by entering product info to electrical and electronic assurance system (www.ecoas.or.kr) OR publishing declarations on company web pages. • The Korean text below the triangle reads “separate disposal.” Material type abbreviations (PET, HDPE, LDPE, PP, PS, PVC, OTHER, metal, Fe, Al, paper, paper pack, or glass) should be indicated inside the triangle. Material types, other than plastic resins, should be written in Korean. The symbol (excluding the “separate disposal” text below) must be larger than 8mm in width and length. The height of the “separate disposal” Korean text should be one fourth of the width of the symbol. The extension of each side of the symbol is a regular triangle, whose inside angle is 60° and outside angle at the bended part of the arrow’s end is 120°. The color of the mark should be distinct from other colors used on the packaging, so as to make the mark clearly visible. (Note: EPI interprets this as applying only to printed packaging, not embossed symbols.) • ISPM 15 Marking

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Netherlands	PR000450 Required 	N/A	100	100	100	50	Required see notes & Addendum EX. Same as Germany	ISPM 15	Required see notes & Addendum EX. Same as Germany	Required see notes & Addendum EX. Same as Germany		• ISPM 15 Marking  • CE Marking 
Taiwan	Recommend  Not Required	N/A	1000	1000	1000	100	Recommended but not required on VSAT product  Plus add SPI Code	ISPM 15	Recommended 	N/A	Can Register Voluntary for Green Mark program for Manufacturer's (not recommended at this time) The greenmark symbol is shown below: 環保標章 	• Waste Disposal Act specify: (1) that such containers be affixed with the "four-in-one" recycling label (indicated below); (2) that no specific label color is required, but that the label should be printed in any one solid color; (3) that the recycling label should be displayed on the container itself, on the inner and outer container packaging, or on a related "card"; (4) that, for plastic containers, the appropriate symbol from the Society for Plastics Industry ("SPI") resin identification code should be displayed in addition to the recycling label; and (5) that the recycling label should not be smaller than 1 square centimeter or 5% of the surface area of the container • ISPM 15 Marking 