TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET18107A

CERTIFICATE HOLDER:
LiProPac AB

RESPONSIBLE DISTRIBUTOR: LiProPac AB, Backa Bergögata 11, 422 46 Hisings Backa, Sweden

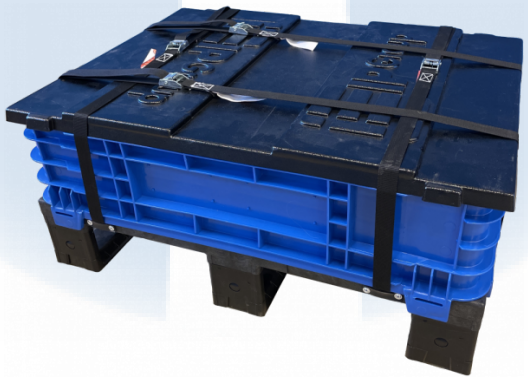
UN MARKING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high.

(un) 4H2/Y76/S/YR/N/NET18107A - ID

(un)	: The United Nations symbol
4H2	: Plastics boxes, solid
Y76	: Packaging group II and III, max gross mass in kg
S	: Solids in inner packaging, see Approved content table
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET18107A - ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PACKAGING DESIGN:

Description
LiProPacTM 10H, is a plastics box with integrated plastics pallet and plastics lid locked with lashing straps with clamping lock



DIMENSIONS:

Packaging weight, kg	Volume, l	L*W*H, mm	Drawing
41.0	96.0	800*620*360	2021-11-29

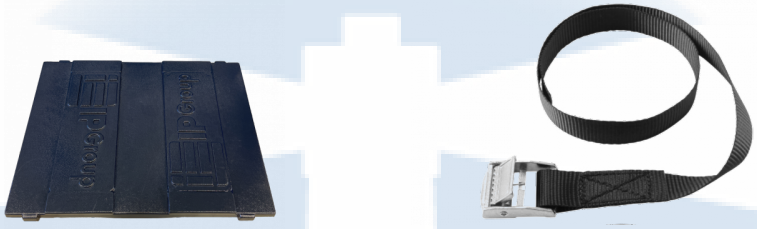
NET AS
Blekebakkvegen 45
N-3950 Brevik

Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com

VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

CLOSURES AND FITTINGS:

Closure type	Producer	Drawings	Material/ Description
Lid	IPG Intelligent Packaging Group	Lock Pallkrage 600x800mm	Polycarbonat
4 pc of lashing straps with clamping lock, strapped by hand	Any	-	EN 12195-2, 500 kg



OTHER PARTS/ ALTERNATIVE INNER PACKAGING SOLUTIONS:

Type	Description	Drawing	Material	Dimensions
Pallet	IPG Intelligent Packaging Group	Plastpall PPP 600x800x160mm	PP	820*630*32
IP 1: Corrugated box	EQpack AB	-	PP	350*125*155
IP 2: Corrugated box	BOXES & LABELS	-	Fibreboard, B flute	348*128*155
IP3: Corrugated box	BOXES & LABELS	A01728 Rev 0	Fibreboard, B flute	700*250*150
IP4: Corrugated box	BOXES & LABELS	A01727 Rev 0	Fibreboard, B flute	700*500*150
IP 5: Corrugated box	BOXES & LABELS	A01741 Rev 0 + 4 boxes of A01740 Rev 0	Fibreboard, B flute	500*250*150/ 500*120*150
IP 6: Corrugated box	BOXES & LABELS	A01728 Rev 0 + 2 boxes of A01729 Rev 0	Fibreboard, B flute	700*250*150/ 350*250*150

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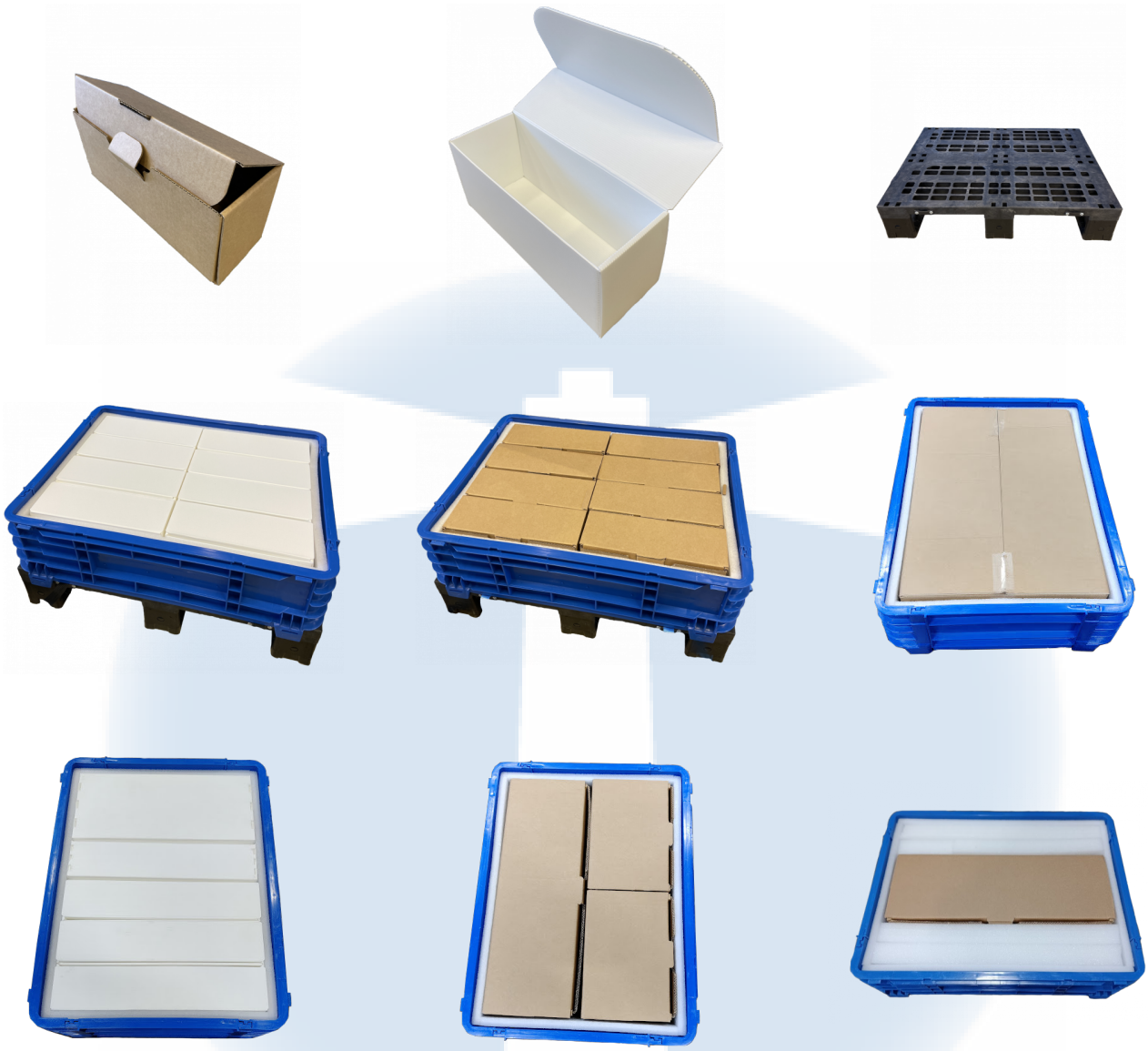

AUTHORITY:
The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.
NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.
NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.
NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

APPLICABLE REGULATIONS:
UN Recommendations on the Transport of Dangerous Goods.
ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID, International Regulations on Transport of Dangerous Goods by Rail.
IMDG, International Maritime Dangerous Goods Code, for sea transport.
ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IATA, Dangerous Goods Regulations, for the air transport.

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TESTS PERFORMED:
Prototype tests performed and approved according to the above regulations:
6.1.5.3 Drop test
6.1.5.6 Stacking test

SCOPE OF APPROVAL:
The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

APPROVED CONTENT:

Configuration and contents
UN 3480, Litium ion batteries, 16 batteries in 8 boxes of corrugated fibreboard
UN 3480, Litium ion batteries, 16 batteries in 8 boxes of corrugated plastics
UN 3480, Litium ion batteries including PCM, netto mass 54.4 kg in 5 boxes of corrugated fibreboard
UN 3480, Litium ion batteries including PCM, netto mass 54.4 kg in 4 boxes of corrugated fibreboard
UN 3480, Litium ion batteries including PCM, netto mass 54.4 kg in 3 boxes of corrugated fibreboard
UN 3480, Litium ion batteries including PCM, netto mass 54.4 kg in 1 box of corrugated fibreboard

DOCUMENTS FORMING THE BASIS FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET12505A	11.02.2022	NET	Type approval
NET12505A2	19.09.2022	NET	Additional type test,

VALIDITY:
The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.
The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

TEST METHODS AND STANDARDS:
All tests are performed in accordance with NET accredited test method ATM001.
The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.

NORSK AKKREDITERING TEST 259

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BREVIK, NORWAY **03.11.2026** CERTIFICATE IS VALID UNTIL: **31.03.2027**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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