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<sup>\*</sup>Product only available in the USA

<sup>+</sup> Product not available in the USA

# INTRODUCTION

REC believes that the packaging of our products is just as important as the product itself. To ensure our solar panels arrive with our customers in as good condition as possible, REC takes every care to ensure a high quality level of packaging and uses international testing standards to ensure the panels reach their destination in the best condition. Except where specifically stated, the information givenon the following pages is relevant to all modules in the product family named and is therefore applicable to all product variants, e.g., different colored frames, backsheets, and/or cell types. The images shown are a generic representation of the instructions regardless of color or exact design.















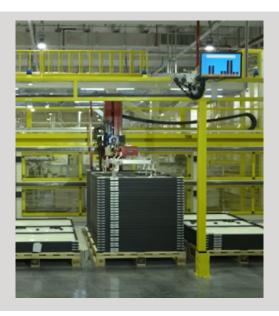


## PALLET HANDLING

This document contains instructions concerning the use and handling of pallets of REC solar panels. Following these instructions will ensure that the panels are in the best condition upon arrival at the installation site. Misuse or failure to follow these procedures may lead to damage or injury, and may invalidate the warranty on the product.

## QUALITY

REC performs a quality check on all pallets before and during loading. Vehicles will only be loaded if they are deemed safe and serviceable. During transportation, the pallets are stably loaded in protected containers with air bags between them to secure them in position. The freight company and driver are responsible for ensuring suitable load safety for each delivery vehicle. Vehicles without suitable load safety measures will not be loaded. Loading without the use of air bags or loading belts to secure the pallets may lead to damage to the pallet(s) and/or module(s) during transportation which may invalidate the warranty. If using loading belts to secure pallets, ensure these are correctly fitted as overtightening may cause damage to the modules or pallet(s).





## RECYCLING

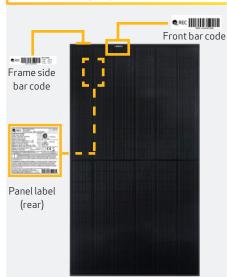
REC makes every effort to ensure the panel packaging is kept to a minimum and that environmentally-friendly materials are used wherever possible. This minimizes waste and discarded items to dispose of at the installation site. The wooden pallets can be re-used or recycled. The paper and cardboard packaging used on REC pallets can be also be widely recycled and the protective wrapping and panel separating blocks are also recyclable in many areas. Please check for all applicable procedures and recycle all packaging and panels according to local guidelines and regulations. REC makes every effort to ensure environmentally-friendly packaging materials are used. Please recycle whenever possible.

# REC ALPHA PURE SERIES

### PALLET FRONT VIEW (DOUBLE STACKED)



### PANEL IDENTIFICATION



### PALLET SHIPMENT DIMENSIONS

Length of pallet:	1880 mm (74 in)
Width of pallet:	1055 mm (41.5 in)
Height of single pallet stack:	1205 mm (47.5 in)
Height of double pallet stack:	2410 mm (95 in)
Pallet weight:	41 kg (90.4 lbs)
Stack weight (pallet + panels):	ca. 735 kg (1620 lbs)

### T DELIVERY INFORMATION

Panels per pallet:	33
Panels per 40 ft GP/high cube container:	792 (24 pallets)
Panels per 13.6 m truck:	924 (28 pallets)
Panels per 53 ft truck:	891 (27 pallets)

### PALLET SIDE VIEW (DOUBLE STACKED)



### PALLET STACKING



### P DELIVERY DOCUMENTATION

Documentation is located on short side of pallet.

Pallet documentation includes:

- Module flash data
- Serial number
- Product name
- Watt class

### PACKAGING MATERIAL

Pallet:	Wood
Foam pad:	Polyurethane Polyether Polyol
Top cover:	Corrugated cardboard
Edge protectors:	Core board - Kraft
Corner pieces and sp	acers: HDPE

### PACKAGING DOCUMENTATION

REC39	)5A	A Pı	ır	·e					<b>ℚ</b> REC
Part:	5002	462			Pallet N	o:L	3394	796_AAAA	
No. Serial	Imp[A	l] Pmp[W]	No.	Serial Number		Imp[A]	Pmp[W]		
1) 4608721147	9.587	398.0	18)	4008720961		9.580	395.9	Attention!	Vorsicht!
2) 4608721051	9.563	396.0	19)	4008721071		9.594	396.8	Weight: 735 kg (1620 lbs	s) Gewicht: 735 kg (1620 lbs)
3) 4003720948	9,570	397.6	20)	4008721041		9.590	396.7	Improper handling wi damage the content	Transport führt zur
4) 4608721168	9,552	396.7	21)	4008721043		9.578	397.0		Beschädigung der Ware
5) 4008720969	9,580	396.1	22)	4008721042		9.572	395.9	Quality Stamp	Panel Handling
	9,590	399.0	23)	4008721036		9.592	399.0	- QUALITY 17/06/2021 10:43	Attention Wear
7) 4668721171	9.566	396.7	24)	4008720928		9.576	397.3	ACCEPTED	clean
8) 4008721014	9,585	396.1	25)	4008721083		9.611	397.6		
5) 4008721078	9.530	397.2	26)	4008721049		9.568	395.4	- '	
10) 4008721114	9,578	396.6	27)	4008721033		9.559	395.9	-	
11) 4608720943	9.584	396.4	28)	4008721040		9.571	396.1		
12) 4008721084	9,580	396.1	29)	4008721166		9.586	395.1		
13) 4608721088	9.594	396.3	30)	4008721048		9.598	397,4		
14) 4668721072	9,575	396.2	31)	4005720938		9.569	395.5		
15) 4008721075	9.592	396.7	32)	4008720956		9.566	395.8	-	
16) 4008721087	9,593	397.0	33)	4008720996		9.588	395.3	In	stallation instructions:
17) 4608721064	9.563	396.1		Pat	40.00			談	uides d'emploi: 重說明書: www.rccgroup.com/downloads
				DOL	tom				with the second
	Me Me	odules: 3	3						Made in Singapore

### • Pallet No. 1 is the top module in a stack

- Pallet No. 33 is the lowest module in a stack
- Pallet documentation shows:
- Module serial number
- Module bar code
- Manufacturing date
- Electrical data (I<sub>MP</sub>, P<sub>MP</sub>)

## STORAGE AND TRANSPORTATION

Stack	ing for storage:	2 pallets max
Stack	ting for transportation:	2 pallets max
Note:	When double stacking pallets, e pallet sits securely on the edge	protector to

pallet sits securely on the edge protector to avoid damage to the lower pallet during transportation or handling

 $\textbf{Note:} \ \ \mathsf{Pallets} \ \mathsf{delivered} \ \mathsf{stacked} \ \mathsf{are} \ \mathsf{not} \ \mathsf{bound} \ \mathsf{together}$ 

### MINIMUM FORK LENGTHS FOR TRANSPORTATION

		Single/Double stack only
Forklift	Longside	1.2 m (47 in) Loading & unloading of container only
	Shortside	1.5 m (59 in)
Pallet	Longside	Χ
jack	Shortside	1.5 m (59 in)

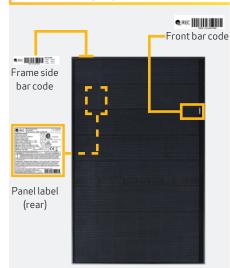
**Note:** Forks must be spaced a minimum of 500 mm apart Handlers must ensure that vehicles used for REC pallets can handle the specified load safely.

# REC ALPHA PURE-R SERIES

### PALLET FRONT VIEW (DOUBLE STACKED)



### PANEL IDENTIFICATION



### PALLET SHIPMENT DIMENSIONS

Length of pallet:	1780 mm (70 in)
Width of pallet:	1150 mm (45.2 in)
Height of single pallet stack:	1220 mm (48 in)
Height of double pallet stack:	2440 mm (96 in)
Pallet weight:	39 kg (86 lbs)
Stack weight (pallet + panels):	ca. 753 kg (1660lbs)

### P DELIVERY INFORMATION

Panels per pallet:	33
Panels per 40 ft GP/high cube container:	858 (26 pallets)
Panels per 13.6 m truck:	924 (28 pallets)
Panels per 53 ft truck:	858 (26 pallets)

### PALLET SIDE VIEW (DOUBLE STACKED)



### PALLET STACKING



### P DELIVERY DOCUMENTATION

Documentation is located on short side of pallet.

Pallet documentation includes:

- Module flash data
- Serial number
- Product name
- Watt class

### PACKAGING MATERIAL

Pallet:	Wood
Foam pad:	Polyurethane Polyether Polyol
Top cover:	Corrugated cardboard
Edge protectors:	Core board - Kraft
Corner pieces and sp	acers: HDPE

### PACKAGING DOCUMENTATION

REC	C410A	A	Pı	uì	e-R	<b>.</b>				ℚ R(	=(
Part:	600	24	62			Pallet N	o:L	33947	96_AAAA		
No. Serial 2	op ·	Imp[A]	Pmp[W]	No.	Serial Numbe	*	Imp[A]	Pmp(W)			
1) 4009721347		9.587	395.0	18)	4008720968		9,580	395.9	Attention	Vorsic	ht!
2) 4009721051		9.563	396.0	199	4008721071		9.594	396.8	Weight: 753 kg (1660 lbs)	Gewicht: 753 kg	(1660 lbs)
3) 4008720948		9.576	397.6	20)	4008721041		9,590	396.7	Improper handling will damage the content	Unsachge Transport fi	lihrt zur
4) 4009723168		9.552	396.7	21)	4008721043	00000	9.578	397.0	100000000000000000000000000000000000000	Beschädigun	
5) 4008720949	8000000	9.586	396.1	22)	4008721042	III BI II BI	9,572	395.9	Quality Stamp	Panel Ha	
6) 4009721128	98899	9,590	399.0	23)	4008721636	111811111	9.592	399.6	QUALITY 17/06/2021 10:43	A Atte	ntion Wear
7) 4008721171	WI 1610 W	9.566	3967	24)	4008720928	101111111111	9,576	397.3	ACCEPTED	1000	lean
8) 4008720014	0101311	9.589	396.1	25)	4008721083	THE REAL PROPERTY.	9.611	397.6	110001100		
9) 4008720978	0000000	9,530	397.2	26)	4008721049	181111111111	9.568	395.4			
10) 4008721114		9,578	316.6	27)	4008721633		9,559	395.9			
11) 4009720943	811111	9.584	396.4	28)	4008721040		9,571	361			
12) 4009721084		9,580	396.1	29)	4008721166		9,586	395.1			
13) 4008723088	12311111	9.594	3963	30)	4008721048		9.596	397.4			
14) 4009721072		9,579	396.2	31)	4008730938	DESCRIPTION.	9,569	395.5			
15) 4008720075	MINIMUM .	9.593	396.7	32)	4008720996		9.566	395.8			
16) 4009721097	III II	9,593	397.0	33)	4009720996	011111111	9,588	395.3	Installar	ion instructions: Sonsanleitungen:	
17) 4009723064		9.563	396.1	-	Bott	om			39 W 30.9	d'emplek   # : group comidowalouds	200

- Pallet No. 1 is the top module in a stack
- Pallet No. 33 is the lowest module in a stack
- Pallet documentation shows:
- Module serial number
- Module bar code
- Manufacturing date
- Electrical data (I<sub>MP</sub>, P<sub>MP</sub>)

### STORAGE AND TRANSPORTATION

		• •
Stack	ing for storage:	2 pallets max
Stack	ting for transportation:	2 pallets max
Note:	When double stacking pallets, pallet sits securely on the edge avoid damage to the lower pall transportation or handling	protector to

 $\textbf{Note:} \ \ \mathsf{Pallets} \ \mathsf{delivered} \ \mathsf{stacked} \ \mathsf{are} \ \mathsf{not} \ \mathsf{bound} \ \mathsf{together}$ 

### MINIMUM FORK LENGTHS FOR TRANSPORTATION

		Single/Double stack only		
Forklift	Longside	1.2 m (47 in) Loading & unloading of container only		
	Shortside	1.5 m (59 in)		
Pallet	Longside	Х		
jack	Shortside	1.5 m (59 in)		

**Note:** Forks must be spaced a minimum of 500 mm apart Handlers must ensure that vehicles used for REC pallets can handle the specified load safely.

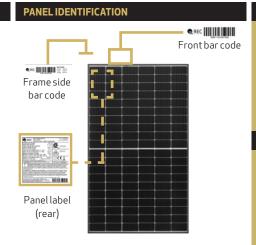
## REC N-PEAK 2 SERIES (DNLY AVAILABLE IN THE USA)

These packaging specifications are applicable to the following products: REC N-Peak 2 Black Series REC N-Peak 2 Series

### **PALLET FRONT VIEW (DOUBLE STACKED)**



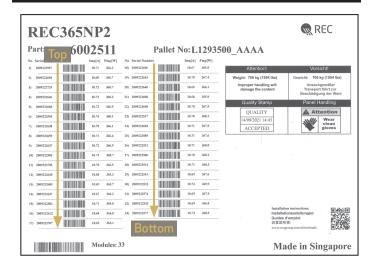
**PALLET SIDE VIEW (DOUBLE STACKED)** 







### **PACKAGING DOCUMENTATION**



- Pallet No. 1 is the top module in a stack
- Pallet No. 33 is the lowest module in a stack
- Pallet documentation shows:
- Module serial number
- Module bar code
- Manufacturing date
- Electrical data  $(I_{MP}, P_{MP})$

### **PALLET SHIPMENT DIMENSIONS**

1800 mm (71 in) Length of pallet: Width of pallet: 1080 mm (42.5 in) Height of single pallet stack: 1225 mm (48 in) Height of double pallet stack: 2450 mm (96 in) Pallet weight: 44 kg (93 lbs) Stack weight (pallet + panels): ca. 705 kg (1554 lbs)

### **DELIVERY INFORMATION**

Panels per pallet: 33 Panels per GP/high cube container (40 ft): 858

(26 pallets)

Panels per 13.6 m truck: 924 (28 pallets)

Panels per 53 ft truck: 924 (28 pallets)

### **DELIVERY DOCUMENTATION**

Documentation is located on short side of pallet. Pallet documentation includes:

- Module flash data
- Serial number
- **Product** name
- Watt class

### **PACKAGING MATERIAL**

Wood Pallet: Polyurethane Polyether Polyol Foam pad: Corrugated cardboard Top cover: Core board - Kraft Edge protectors: Corner pieces and spacers: **HDPE** 

### STORAGE AND TRANSPORTATION

Stacking for storage: 2 pallets max Stacking for transportation: 2 pallets max

**Note:** When double stacking pallets, ensure the upper pallet sits securely on the edge protector to avoid damage to the lower pallet during transportation

Note: Pallets delivered stacked are not bound together.

### MINIMUM FORK LENGTHS FOR TRANSPORTATION

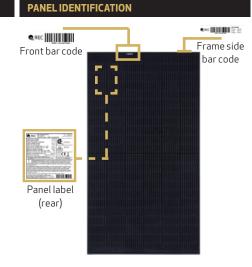
		Single/Double stack only		
Forklift	Longside	1.2 m (47 in) Loading & unloading of container only		
	Short side	1.5 m (59 in)		
Pallet	Longside	X		
jack	Short side	1.5 m (59 in)		

Note: Forks must be spaced a minimum of 500 mm apart Handlers must ensure that vehicles used for REC pallets can handle the specified load safely

# REC N-PEAK 3 BLACK SERIES (DNLY AVAILABLE IN THE USA)

### **PALLET FRONT VIEW (DOUBLE STACKED)**





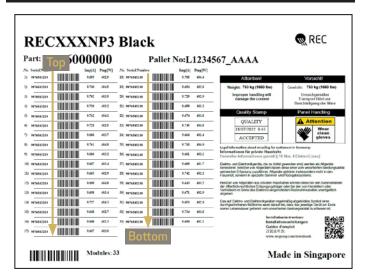
### **PALLET SIDE VIEW (DOUBLE STACKED)**



### **PALLET STACKING**



## **PACKAGING DOCUMENTATION**



- Pallet No. 1 is the top module in a stack
- Pallet No. 33 is the lowest module in a stack
- Pallet documentation shows:
- Module serial number
- Module bar code
- Manufacturing date
- Electrical data  $(I_{MP}, P_{MP})$

**PALLET SHIPMENT DIMENSIONS** 

Length of pallet: 76.7 in Width of pallet: 43 in Height of single pallet stack: 47.5 in Height of double pallet stack: 95 in Pallet weight: 88.2 lbs ca. 1660 lbs Stack weight (pallet + panels):

### **DELIVERY INFORMATION**

Panels per pallet: 33 Panels per GP/high cube container (40 ft): 792 (24 pallets) Panels per 53 ft truck: 924 (28 pallets)

### **DELIVERY DOCUMENTATION**

Documentation is located on short side of pallet. Pallet documentation includes:

- Module flash data
- Serial number
- Product name
- Watt class

### **PACKAGING MATERIAL**

Wood Pallet: Foam pad: Polyurethane Polyether Polyol Corrugated cardboard Top cover: Core board - Kraft Edge protectors: Corner pieces and spacers: **HDPE** 

### STORAGE AND TRANSPORTATION

Stacking for storage: 2 pallets max Stacking for transportation: 2 pallets max

**Note:** When double stacking pallets, ensure the upper pallet sits securely on the edge protector to avoid damage to the lower pallet during transportation

Note: Pallets delivered stacked are not bound together.

### MINIMUM FORK LENGTHS FOR TRANSPORTATION

		Single/Double stack only		
Forklift	Longside	47 in Loading & unloading of container only		
	Short side	59 in		
Pallet	Longside	Х		
jack	Short side	59 in		

Note: Forks must be spaced a minimum of 20 in apart Handlers must ensure that vehicles used for REC pallets can handle the specified load safely

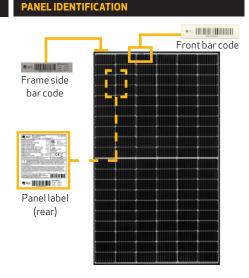
# REC TWINPEAK 4 SERIES (NOT AVAILABLE IN THE USA)

These packaging specifications are applicable to the following products: REC TwinPeak 4 Series REC TwinPeak 4 Black Series

#### PALLET FRONT VIEW (DOUBLE STACKED)



PALLET SIDE VIEW (DOUBLE STACKED)



**PALLET STACKING** 

### PALLET SHIPMENT DIMENSIONS

Length of pallet: 1800 mm (71 in) Width of pallet: 1080 mm (42.5 in) Height of single pallet stack: 1225 mm (48 in) Height of double pallet stack: 2450 mm (96 in) 44 kg (93 lbs) Pallet weight: Stack weight (pallet + panels): ca. 705 kg (1554 lbs)

### **DELIVERY INFORMATION**

Panels per pallet:	33
Panels per GP/high cube container (40 ft):	
	(26 pallets)
Panels per 13.6 m truck:	924
	(28 pallets)
Panels per 53 ft truck:	924
	(28 pallets)

### **DELIVERY DOCUMENTATION**

Flash data list:	On short side
Serial number list:	On short side
Product name:	On long side
Watt class:	On long side

### PACKAGING MATERIAL

Pallet:	Wood
Foam pad:	Polyurethane Polyether Polyol
Top cover:	Corrugated cardboard
Edge protectors:	Core board - Kraft
Corner pieces and sp	acers: HDPE

Pallet:	DOOVV
Foam pad:	Polyurethane Polyether Polyol
Top cover:	Corrugated cardboard
Edge protectors:	Core board - Kraft
Corner pieces and s	pacers: HDPE

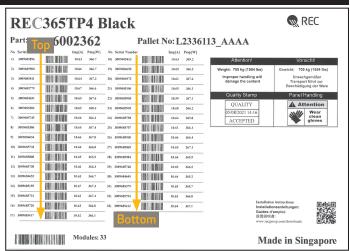
### STORAGE AND TRANSPORTATIO

Stacking for storage:	2 pallets max
Stacking for transportation:	2 pallets max

When double stacking pallets, ensure the upper pallet sits securely on the edge protector to avoid damage to the lower pallet during transportation

Note: Pallets delivered stacked are not bound together.

### PACKAGING DOCUMENTATION



- Pallet No. 1 is the top module in a stack
- Pallet No. 33 is the lowest module in a stack
- Pallet documentation shows:
  - Module serial number
- Module bar code
- Manufacturing date
- Electrical data  $(I_{MP}, P_{MP})$

or handling

### MINIMUM FORK LENGTHS FOR TRANSPORTATION

		Single/Double stack only			
Forklift	Longside	1.2 m (47 in) Loading &unloading of container only			
	Short side	1.5 m (59 in)			
Pallet	Longside	Х			
jack	Short side	1.5 m (59 in)			

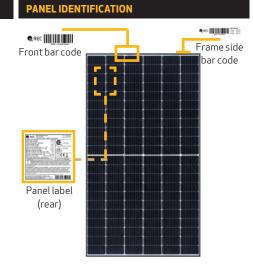
Note: Forks must be spaced a minimum of 500 mm apart Handlers must ensure that vehicles used for REC pallets can handle the specified load safely.

# REC TWINPEAK 5 SERIES INDIT AVAILABLE IN THE USA)

These packaging specifications are applicable to the following products: REC TwinPeak 5 Series REC TwinPeak 5 Black Series

#### PALLET FRONT VIEW (DOUBLE STACKED)





### PALLET SHIPMENT DIMENSIONS

Length of pallet: 1950 mm Width of pallet: 1090 mm Height of single pallet stack: 1205 mm Height of double pallet stack: 2410 mm Pallet weight: 40 kg Stack weight (pallet + panels): ca. 753 kg

### **DELIVERY INFORMATION**

33 Panels per pallet: Panels per GP/high cube container (40 ft): 792 (24 pallets) Panels per 13.6 m truck: 924 (28 pallets) Panels per 53 ft truck: 924 (28 pallets)

### **DELIVERY DOCUMENTATION**

Flash data list: On short side Serial number list: On short side Product name: On long side Watt class: On long side

### **PACKAGING MATERIAL**

Wood Pallet: Polyurethane Polyether Polyol Foam pad: Corrugated cardboard Top cover: Edge protectors: Core board - Kraft Corner pieces and spacers: **HDPE** 

### STORAGE AND TRANSPORTATION

Stacking for storage: 2 pallets max Stacking for transportation: 2 pallets max

**Note:** When double stacking pallets, ensure the upper pallet sits securely on the edge protector to avoid damage to the lower pallet during transportation

Note: Pallets delivered stacked are not bound together.

## MINIMUM FORK LENGTHS FOR TRANSPORTATION

		Single/Double stack only		
Forklift	Longside	1.2 m Loading &unloading of container only		
	Short side	1.5 m		
Pallet	Longside	X		
jack	Short side	1.5 m		

Note: Forks must be spaced a minimum of 500 mm apart Handlers must ensure that vehicles used for REC pallets can handle the specified load safely.

Note: Specifications subject to change without notice

### PALLET SIDE VIEW (DOUBLE STACKED)



### **PALLET STACKING**



### **PACKAGING DOCUMENTATION**

RECXXX	XTP5	Blac	k				<b>⋒</b> REC
	00000					567_AAAA	
No. Serial D 9936543210	Imp(A) Pmp(N) 9895 4019	No. Serial Numb 10) 9804543210		9.765	Peop(11)	Attention!	Vorsichtl
2 993650210	9.749 404.5	15) 5876543210	1111111111	9.654	412.8	Weight 753 kg (1960 lbs)	Gowicht: 753 kg (1660 Bs)
3) 90M40310	9.792 403.9	20 909543299		9.729	412.5	Improper handling will	Unsachgemäßer
6 MARATIN	9.728 403.2	21) 9879543299		9,659	483.2	damage the content	Transport führt zur Beschädigung der Ware
5 97554210	9762 404.1	22) 9839543239		9,674	482.5	Quality Stamp	Panel Handling
6 905000	9.728 400.5	2/) 9879543219		9.745	461.5	QUALITY	<b>A</b> Attention
7) 9/20/4/210	2.696 403.7	20 90950200		2,664	412.4	18/07/2022 8:43	Wear
D MONOTO	9.762 404.8	25) 9839543294		9.715	494.0	ACCEPTED	gloves
2) 903650210	9.696 403.2	20 9874543293		9.663	462.1	Legal information about recycling for cut Informationen für private Haushalte	
10 92554210	9.687 400.4	27) 989690200		2.647	443.7	Hersteller-Informationen gemäß § 1 Ellektro- und Ellektroskonite, die zu Antal	
10 9096019	9.665 400.9	20 9095020		9.742	440.0	bezeichnet. Desitzer von Allgeräten haben- gebennten Erfassung zuzulühren Allgerät	diese einer vom unsortierten Giedlungsabfall egenome insbesondere nicht in den
12) 9936543210	2491 4043	29) 9839543239		9,613	467.2	Hausmüt, sondern in spezielle Sammel- un Besitzer von Altgeräten aus privaten Hausl	
15) WINGS	9.695 403.4	30 9095020		9,671	442.9	der öffentlich nechtlichen Entsorgungsträge Vertreibern im Sinne des ElektroO eingend aborden	r oder bei den von Herstellern oder
10 9090010	9727 404.3	ND secondary		9,653	442.6	Day auf Elektro- und Elektronikoeriten reo	elmäßig abgebildete Symbol einer
15) 903650210	160 407	30 98988339		9.714	40.8	durchgestrichenen Mültonne weist darauf i seiner Lebensdauer gefrennt vom unserlier	hin, dass das jewellige Gerät am Ende
10 wassasin	2.000 402.3	37) 9878543210		9,650	462.1		n instructions:
	2667 403.8	32) 9836943239	V 1111111111111	7.000	****	- Guides d	
17) 9936543210 V	7.00 400.0	- Bot	tom				ir: roup.com/downloads
	Modules: 3	13				Ma	de in Singapore

- Pallet No. 1 is the top module in a stack
- Pallet No. 33 is the lowest module in a stack
- Pallet documentation shows:
  - Module serial number
  - Module bar code
  - Manufacturing date
- Electrical data  $(I_{MP}, P_{MP})$



REC SOLAR PTE. LTD. 20 TUAS SOUTH AVENUE 14 SINGAPORE 63/312 SINGAPORE Tel: +65 6495 9228 Mail: post@recgroup.com