

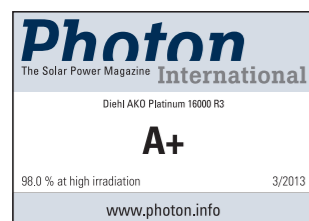
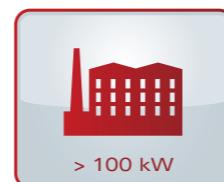
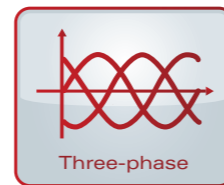
Energy package for large scale systems.  
The PLATINUM® R3-6PACK.



**PLATINUM®**  
Next Energy Solution.

# Charge, deliver, perform – and this at sunny, affordable prices. The PLATINUM® R3-6PACK.

The PLATINUM® R3-6PACK is the purest energy pack for large-scale photovoltaic systems: six highly-efficient R3 inverters on one pallet, ready for delivery and quick installation. First order the mounting plates and prepare everything for installation of the PLATINUM® R3-6PACK – then simply unpack, install and connect. Done.



Only the best can obtain the „A +“ Photon seal and the new PLATINUM® R3 inverter has achieved it. The excellent yield values are succeeded thanks to the innovative DUAL-X® technology, an increased efficiency at lower power range through DIVE®, a quick MPP-finding by the RAC-MPP® and lastly to a pure convection cooling.

All PLATINUM® R3 models fulfil the market requirements “Energy management (§6 German Renewable Energy Sources Act)”, the “Technical Guideline for Local Power Plants in Medium-voltage Power Grids” and the “Low Voltage Directive AR-N-4105”.

Advantages: thanks to cost-optimised features, large-scale systems can be realised at low prices. Delivery is coordinated with the installation. So there is no need for interim storage of the inverters. The omission of individual packaging saves time during unpacking and also minimises the packaging materials that need to be disposed of. This is handy for the user and great for the environment.

Most important of all, installation and commissioning are easy and uncomplicated. The DC connection to the inverter is tailored to the requirements of large-scale systems. The communication cables are connected via a screwed cable gland with double feed-through in just one work step.

- No individual packaging means fewer packaging materials overall
- Carefully coordinated with the installation process – the retaining plates are delivered separately in advance
- Simplified connection of communication cables via a reduction in the number of work steps

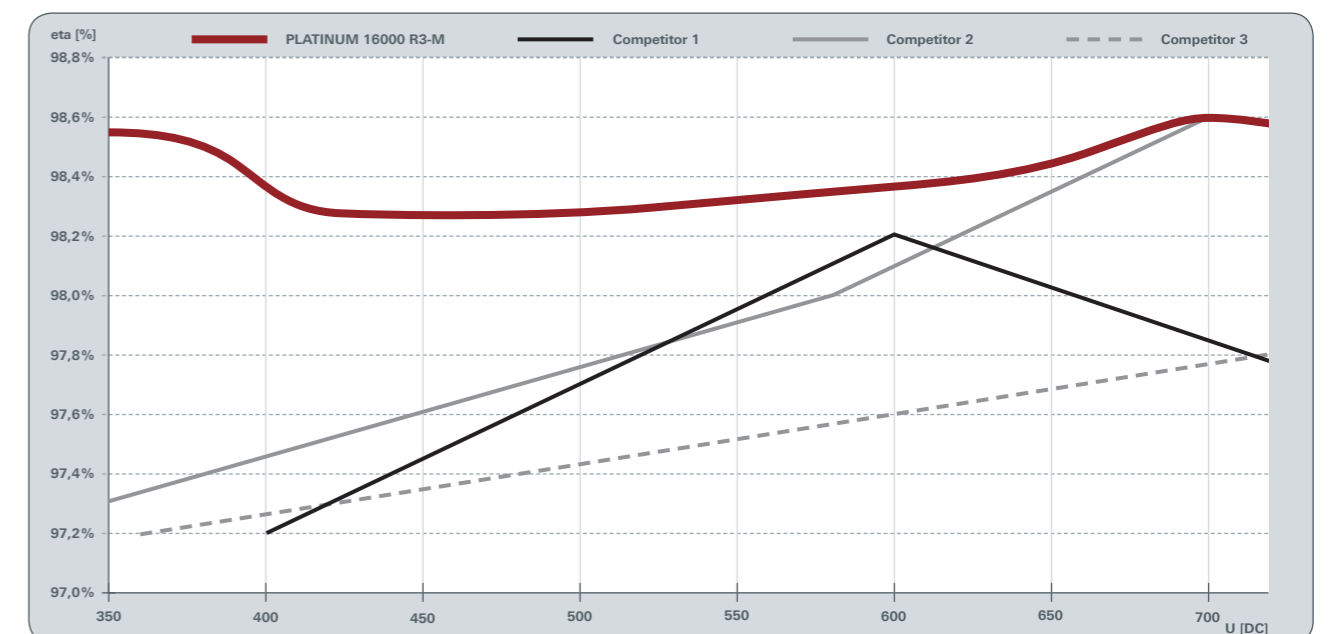


Six on one pallet: the PLATINUM® R3-6PACK offers maximum-efficiency inverters – well packaged and quickly delivered..



First we deliver the mounting plates, then the R3-6PACK. Ordered and delivered in advance, you can get everything ready for immediate installation.

Unrivalled performance.  
DUAL-X®-Power times six.



High efficiency across the entire MPPT voltage range thanks to innovative DUAL-X® technology. The advantage: exceptionally high yields with optimum design flexibility.

## Specifications

R3 inverter	16000 R3-M-6PACK
<b>DC Input</b>	
Max. PV power	16,900 Wp
Max. DC power (@ cos phi = 1)	15,350 W
MPPT voltage range	350 ... 720 V
Max. input voltage	900 V
Max. MPPT in/out current	2 x 24 A
Number of string inputs	1 + 1
Number of MPP trackers	1
DC disconnect	●
DC short circuit current	33 A
Reverse polarity protection / Ground fault monitoring (isolation check)	● / ●
<b>AC Output</b>	
Rated power (@ cos phi = 1)	15,000 W
Rated current	3 x 21.7 A
Max. apparent power	16,700 VA
Max. AC current	3 x 24.2 A
Power feed starts at	20 W
Mains output voltage	3AC 230 V / 400 V (+/-20 %)
Feed in phases / connection phases	3 / 3
Max. permitted grid impedance  Z <sub>max</sub>   (EN 61000-3-11)	-
Standby consumption	1 W
Mains frequency	50 Hz (+/-5%)
Power factor (cos phi) (ind ... kap)	0.7 ... 0.7
Short circuit resistance / Ground fault monitoring (RCD)	● / ●
<b>Interfaces</b>	
DC connection	MC4
AC connection	Spring clamp connectors
RS 485 (Clamps / RJ45)	● / ●
Ethernet / CAN	- / -
Integrated web server	-
Alarm relay	-
<b>Appliance data</b>	
Max. efficiency	98.6 %
European efficiency	98.3 %
Weight	44 kg
Dimensions (H x W x D in mm)	626 x 547 x 290
Operating temperature	-20 ... +60 °C
Storage temperature	-25 ... +80 °C
Relative humidity	0 ... 95 %
Altitude at rated power	2,000 m / 6,560 ft
Protection degree (except digital interface)	IP 66
Protection class / overvoltage category	I / Type 3
Full graphic display (color / monochrome)	- / ●
Storage capacity data logger	30 years
System topology	Transformerless
Cooling	Convection
Standards / grid codes	VDE 0126-1-1, VDE AR-N 4105, BDEW 2008, CEI 0-21, C10/11, G83/2, G59/2, EN 50438, ÖNORM E8001-4-712, UTE C15-712-1, RD 1699/661, IEC 62109, AS 4777, AS 3100
Warranty	10 years
<b>Type designation</b>	<b>16000 R3-MDX-10-6PACK</b>

● Standard   ○ Optional   - Not available

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Subject to alterations. Valid as of 04/2013. More than 45 countries are currently supported. The current list is available from the download area of our homepage www.platinum-nes.com.