

Turning solar energy into a resource.
Day and night.
The PLATINUM® battery.



PLATINUM®
Brings more sun to the grid.

Stores solar energy
around the clock.
The PLATINUM[®] battery.



The PLATINUM® battery reliably stores solar energy and makes it available around the clock. PLATINUM® thus helps to achieve greater self-sufficiency in private power supplies and relieves the burden on the national grid. The new around-the-clock capability for using self-generated electricity along with the increase in self-consumption make the PLATINUM® battery a technology for the future and for the energy turnaround.

Thanks to the innovative lithium battery technology, the easy operation of the 7" touch display, the interactive feature for optimising own consumption and the emergency power function, the PLATINUM® battery offers maximum user-friendliness and quality. This helps you utilise and organize your self-generated, green energy.

All models in the PLATINUM® battery range (apart from the BASIC model) are shipped with a WebMaster Home unit as standard, giving you access to the world of Diehl SmartHome. The various upgrade options and the ability to operate the system via your smartphone make it easy for you to optimize the consumption of self-generated solar energy.

The PLATINUM® battery is compatible with all PLATINUM® photovoltaic systems; existing systems can be retro-fitted. The range includes the sizes Basic to XXL, with a battery capacity of 4.6 kWh to 41 kWh.

- Self-sufficient power supply
- Innovative lithium battery with a service life of 25 years
- WebMaster Home included in package with PLATINUM® as of model S
- Compatible with existing PLATINUM® PV systems
- Emergency power feature
- Five-year performance guarantee

Specifications						
	Basic	S	M	L	XL	XXL
Battery						
Capacity	4.6 kWh	8.1 kWh	10.2 kWh	20.5 kWh	20.5 kWh	41.0 kWh
Usable capacity (70 %)	3.2 kWh	5.7 kWh	7.1 kWh	14.3 kWh	14.3 kWh	28.7 kWh
Life cycles	5,000 load cycles					
Performance guarantee ¹	5 years					
Battery inverter						
Rated power	2,000 W	3,000 W	4,500 W	5,000 W	10,500 W	15,000 W
Peak power	2,400 W	3,500 W	5,000 W	6,000 W	12,000 W	18,000 W
Efficiency	94 %			96 %		
System						
Three-phase operation	yes					
Rotating current	-				yes	
Island operation ²	yes					
WebMaster Home incl.	-	yes				
Operating temperature	+5 °C ... +25 °C					
Protection degree	IP 21					
Weight	150 kg	180 kg	230 kg	310 kg	520 kg	900 kg
Dimensions in mm W/H/D	600/1,300/400			600/1,300/400 +600/900/400	600/1,300/400 +600/1,700/400	3 x 600/1,700/400
Type designator	Basic	S	M	L	XL	XXL

¹see terms of guarantee of PLATINUM® Battery
²in combination with PLATINUM® inverters

Subject to alterations.
 As at 30 April 2012

Diehl AKO Stiftung & Co. KG
Pfannerstraße 75
88239 Wangen im Allgäu, Germany
Tel: +49 7522 73-700
Fax: +49 7522 73-710
platinum@diehl-controls.com