

# blueplanet hy-switch

Your smart power switch.



## Automatic switching and current measurement.

Real-time measurement of power consumption

Easy installation

Flexibly expandable

Ready for retrofit

Safe due to all-pole separation



## Technical Data

<b>Disconnecter</b>		<b>hy-switch</b>	
Max. cut-off voltage		264 V	
Max. load current		50 A	
Max. permanent power		30 000 W	
Power failure detection time		200 ms	
Switching time grid to off-grid mode		<3 s (depending on test sequence)	
<b>Current meter</b>			
Internal current sensors range		50 A RMS	
External current sensors range		100 A RMS	
AC power accuracy (internal)		3% (0 – 35 A)	
AC power accuracy (external)		5%	
Measurement frequency		real-time	
<b>Installation</b>			
Max. cable length to blueplanet hy-switch		20 m	
AC max. wire cross section		35 mm <sup>2</sup>	
Communication port		1 x RJ45 (RS485)	
Connection for ext. current sensors		3 x 3.5 mm jack	
<b>General data</b>			
Protection class (IEC 60529)		IP20	
Degree of protection (IEC 62109-1)		I	
Certificates		VDE 0126, VDE AR-N 4105	
Warranty		2 years	
Dimension (W x H x D)		170 x 280 x 92 mm	
Weight		1.2 kg	
<b>Supported devices</b>			
Inverter		blueplanet hybrid 10.0 TL3	
Max. number of inverters		3	