

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

Disconnecter		hy-switch	
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)	
Current meter			
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	
Installation			
Max. cable length to blueplanet hy-switch		20 m	
AC max. wire cross section		35 mm ²	
Communication port		1 x RJ45 (RS485)	
Connection for ext. current sensors		3 x 3.5 mm jack	
General data			
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	
Supported devices			
Inverter		blueplanet hybrid 10.0 TL3	
Max. number of inverters		3	