

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