

## Onboard Electrical Outlet Information

<p><b>European ships</b></p> 	<p>The “Schuko” plug is the German standard, and also used on our ships. It has a deep plug head with two grounding clips on the sides of the plug instead of an additional prong contact. The Schuko connection system is symmetrical. The socket accepts Europlug, as shown. Schuko is an abbreviation for the German word <i>Schutzkontakt</i>, which means "protective contact," referring to the grounded nature of the plug’s electrical supply.</p>	
<p><b>Russian &amp; Ukrainian ships</b></p> 	<p>The countries of the former Soviet Union use a standard plug and socket similar (but NOT identical) to the Schuko plug; it is commonly known as the Europlug. This two-wire plug is ungrounded and has two round, 4 mm pins, which usually converge slightly. This is probably the single most widely used international plug. It will work with any socket that accepts 4 mm or 4.8 mm round contacts spaced 19 mm apart. It is possible to mate Russian plugs with Schuko outlets, but Schuko plugs will not work with Russian sockets as the outlets have hole diameters (4 mm) smaller than the pins of Schuko plugs (4.8 mm).</p>	 <p><i>NOTE: Europlug sockets are not as deep as Schuko plug sockets (above). The pins on some Europlug adapters may not be long enough to reach the contacts on Schuko sockets.</i></p>
<p><b>China ships</b></p> 	<p>This plug, used in China, Australia, New Zealand and Papua New Guinea, has a grounding pin and two flat pins forming an upside-down V shape. Wall sockets usually have switches on them for extra safety.</p> <p>An adapter with just the two flat pins in a V shape should work fine but will lack the grounding function.</p>	
<p><b>Egypt ships</b></p> 	<p>Like Russia, Egypt uses the Europlug. This two-wire plug is ungrounded and has two round, 4 mm pins, which usually converge slightly. It will work with any socket that accepts 4.0 mm or 4.8 mm round contacts spaced 19 mm apart. Schuko plugs will not work with Europlug sockets as the outlets have hole diameters (4.0 mm) smaller than the pins of Schuko plugs (4.8 mm).</p>	