

What is the AC Consumer mains Voltage in Australia ?							
Draft prepared by David Burger,							
While the Australian Standards should technically apply to the whole Country, State / Territory regulators allow voltage variations due to many reasons.							
	Australia	Victoria	NSW	Tasmania	Queensland	BHP Sites	Northern Territory
Definition	Australian Standard AS/NZ3000.2 Australian Standard AS/NZ60038	Office of the Regulator General, Jan 2002.	Electricity Network Operation Standards	Office of the Tasmania Energy Regulator, 1 May'05	Energex	BHP Power guidelines	Power and Water Authority, Energy Safety Regulator
Impulse limit	<i>not checked</i>	6kV					
High Limit	253v	264v	264v	253v			252v
Notification for adjustment down			253v				
Nominal	230v	240v	240v	230v	240v	254v	240v
Notification for adjustment up			226v				
Low Limit	216v	216v	216v	207v	~ 229v		228v
In 1983 Standards Australia adopted a 20 year plan to convert Australia from the nominal 240 volts to 230 volts, to align with European Standards – IEC38. The aim was to align Australian manufactured products with our main trading partners.							