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## A-Lock Power Cords - NEMA + IEC



A-Lock Power Cables feature a **universal** locking mechanism on the female end of the cable that locks into place on any matching inlet. A-Lock Power Cables are commonly used in data centers and well as with OEMs to ensure secure connections to equipment. These are especially useful in applications with heavy vibration that could cause a standard connector to become disconnected.

## IEC 60320 C15 A-Lock



The IEC 60320 C15 is a grounded 3 Wire connector rated up to 250V & 10 Amps Internationally and 125V/250V & 15 Amps in North America. The C15 mates with a C16 inlet as well as a C14 Inlet and is commonly used in IT Installations providing power from a PDU to a server, router, switch or other computing device. The C15 is a HIGH TEMPERATURE connector rated up to 120°C, unlike the 70°C rating of the C13. The C15 is commonly used in electric kettles and other household appliances that involve higher temperatures than a normal C13 is made to withstand. The C15 connector is commonly used with 18awg SJT(OW), 16awg SJT(OW), and 14awg SJT(OW).

## IEC 60320 C19 A-Lock



The IEC 60320 C19 is a grounded 3 Wire connector rated up to 250V and 20 Amps. The C19 mates with a C20 inlet, and is commonly used in a jumper cable scenario in IT Installations providing power from a PDU to a server, router, switch or other computing device. The C19 is typically used in high powered blade server chassis, large network routers, and other IT equipment that draws more power than a standard C13 can accommodate. The A-Lock feature can be used on any standard C2 inlet, it can be disconnected by pulling back on the red tabs on the side of connector head.

## IEC 60320 C13 Locking (A-Lock)



The IEC 60320 C13 is a grounded 3 Wire connector rated up to 250V and 15 Amps. The C13 mates with a C14 inlet, and is commonly used in a jumper cable scenario in IT Installations providing power from a PDU to a server, router, switch or other computing device. Most people know the C13 as 'the thing that plugs into my computer' because it is the standard connector used to power most desktop computers. In a desktop computer application, the most common cable is the NEMA 5-15P to C13, which connects your standard North American wall outlet to a desktop computer. The A-Lock feature can be used on any standard C14 inlet, it can be disconnected by pulling back on the red tabs on the side of connector head.



## **IEC 60320 C14 CONNECTOR (MALE)**

The IEC 60320 C14 is a grounded 3 Wire Plug rated up to 250V and 15 Amps. The C14 mates with a C13 outlet, typically found on Data Center/IT specific PDUs (Power Distribution Unit). The IEC 60320 C14 is typically used with either 18awg SVT, 18awg SJT(OW), 16awg SJT(OW) or 14awg SJT(OW). The types of cordages used will change the rating of the overall cord set.



## **IEC 60320 C19 CONNECTOR (FEMALE)**

The IEC 60320 C19 is a grounded 3 Wire connector rated up to 250V and 20 Amps. The C19 mates with a C20 inlet, and is commonly used in a jumper cable scenario in IT Installations providing power from a PDU to a server, router, switch or other computing device. The C19 is typically used in high powered blade server chassis, large network routers, and other IT equipment that draws more power than a standard C13 can accommodate.



## **NEMA 5-15P**

The NEMA 5-15P is a 3 Wire grounded plug featuring two blades (can be equal or unequal widths due to the ground pin forcing polarity) and one ground pin rated up to 125V AC and 15 Amps. The NEMA 5-15P is your standard household plug used for to connect small appliances such as TV's, Microwaves, hairdryers, etc to a wall outlet. The NEMA 5-15P is compatible with a Nema 5-20R T-Slot outlet, which is commonly found in new home installations.

## NEMA L6-20P



The NEMA L6-20P is a 3 wire grounded plug with a hot, hot and ground pin rated up to 250V and 20A. This plug can be locked into place on the matching receptacle which prevents nuisance disconnection. This plug is commonly found on in-rack power distribution units (PDU) where standard electrical service exceeds 125V, also in industrial settings to supply power to equipment or power tools.

## Subcategories

### IEC 60320 C14 C13 LOCKING Power Cords



IEC 60320 C14 C13 LOCKING Power Cords are commonly used in environments where high availability is critical. The locking C13 connector ensures that the connector never detaches from inlet.

### IEC 60320 C14 C15 LOCKING Power Cords



IEC 60320 C14 to C15 LOCKING Power Cables

### IEC 60320 C14 C19 LOCKING Power Cords



LOCKING IEC 60320 C14 to C19 Power Cords feature a locking mechanism on the C19 (female) end of the cable. C14 to C19 locking power cables are used in data centers and for critical OEM equipment to protect against accidental disconnects and to ensure a secure connection.



## **IEC 60320 C20 C13 LOCKING Power Cords**

IEC 60320 C13 to C20 Power Cords - LOCKING



## **IEC 60320 C20 C19 LOCKING Power Cords**

IEC 60320 C20 C19 LOCKING Power Cords



## **NEMA 5-15P C13 LOCKING Power Cords**

NEMA 5-15P C13 LOCKING Power Cords



## **NEMA 5-15P C19 LOCKING Power Cords**

NEMA 5-15P C19 LOCKING Power Cords



# NEMA L6-20P C13 LOCKING Power Cords

NEMA L6-20P C13 LOCKING Power Cords



# NEMA L6-20P C19 LOCKING Power Cords

NEMA L6-20P C19 LOCKING Power Cords