North American Non-locking NEMA Configurations

Use this chart to determine which general purpose NEMA plug or receptacle is needed for specific applications.

	2 pole 2-wire		2 pole 3-wire grounding			3 pole 3-wire		3 pole 4-wire grounding		4-wire
	125V	250V	125V	250V	277V	125/250V	3ø 250V	125/250V	3ø 250V	3ø 120/208V
15A Receptacle	1-15R		5-15R	6-15R	7-15R		11-15R	14-15R	Z X T X T T T T T T T T T T T T T T T T T	Z
Plug	1-15P	2-15P	S-15P	6-15P	7-15P		11-15P	x Y 2 14-15P	x z z 15-15P	x
20A Receptacle		2-20R	5-20R	6-20R	7-20R	10-20R	11-20R	(v	Z X X 15-20R	
Plug	1-20P	2-20P	5-20P	6-20P	7-20P	10-20P	11-20P	x y y 14-20P	x g z 15-20P	18-20P
30A Receptacle		2-30R	5-30R	6-30R	7-30R	10-30R	11-30R	(Y) (S) (X) (Y) (Y) (Y) (Y) (Y) (Y) (Y) (Y) (Y) (Y	7 7 15-30R	Z x x 18-30R
Plug	1-30P	2-30P	5-30P	6-30P	7-30P	10-30P	11-30P	(x Y Y Y Y Y Y Y Y Y	15-30P	x z z 18-30P
50A Receptacle			5-50R	6-50R	7-50R	10-50R	11-50R	√	7 X X X Y X Y X Y X Y X Y X Y X Y X Y X	18-50R
Plug			5-50P	6-50P	7-50P	10-50P	11-50P	14-50P	x Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	18-50P
60A Receptacle								(v) G X X X X X X X X X X X X X X X X X X	Z X X 15-60R	Z
Plug								(x y y 14-60P	x g z 15-60P	18-60P

Information obtained from ANSI/NEMA WD-6 standard. Face and pin sizes not necessarily to scale. For reference only.

