

Typical Appliances/Tools*	Load (W) Approximate	Recommended REDARC Inverter Model**						Battery Current (ADC)
		R-12-350RS2 (350W)	R-12-700RS (700W)	R-12-1000RS (1000W)	R-12-1500RS (1500W)	R-12-2000RS2 (2000W)	R-12-3000RS2 (3000W)	
Larger power tools, small air compressors, medium pressure cleaners, cooktops, heat guns	3000						<i>Possible</i>	284
Large grinders, drop saws, drills, kettles, iron cooktops, medium pressure cleaners, electric mowers, blowers, heat guns	2500						<i>OK</i>	237
Power tools, small mowers, small pressure cleaner, smaller cooktops, fridges, power supplies, microwave ovens	2000					<i>Possible</i>	<i>OK</i>	189
Industrial vacuums, grinders/drills, routers, fridges, saws, water pump	1750					<i>OK</i>	<i>OK</i>	166
Smaller vacuum cleaners sandwich makers, power tools	1500				<i>Possible</i>	<i>OK</i>	<i>OK</i>	142
Small microwave ovens, power tools, larger fast battery chargers	1000			<i>Possible</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	95
Small power tools, battery chargers, soldering irons	700		<i>Possible</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	66
Cordless tools battery chargers, small power tools, stereos	500		<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	47
Small cordless tool battery chargers, small power tools	350	<i>Possible</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	33
Laptops PCs, LCD TVs, toy battery chargers	250	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	24
Portable stereos, toy battery chargers, soldering irons	100	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	9
Phone chargers and tablets, small rechargeable torches.	50	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	<i>OK</i>	5

\*This list is a approximation. Some appliances may have a lower or higher load rating and surge power during start up could be 3 to 7 times the listed wattage of the appliance.

\*\* Recommended inverter wattage should be calculated as follows:

- Most appliances: **Appliance wattage + 30%**.
- Temperature controlled appliances (e.g. Heat guns, cooktops) or high peak power devices (e.g. fast battery chargers): **Appliance wattage + 50%**.

*"Possible"* denotes: depending on load, may or may not operate in some conditions and modes, pending on inrush, peak currents and half wave loads