

WELDING EQUIPMENT



Generator / Welder 200AMP Single Phase (WPT)

The well-known WPT Generator/welder can be used in two ways: as a welder (200 Amp) or as a generator.

Please Note: This double purpose machine can only do one function at a time and NOT simultaneously.

The current produced by the generator is AC. Please take caution to the AMP settings. Using the wrong setting can damage your machines as the WPT produces different voltages on the different AMP settings and when using the WPT as Generator this incorrect Voltage will damage your electrical appliances.

Has a duty cycle due to machine design which must never be exceeded. See panel on Machine for duty cycle settings.

On this welder you can use the 2.5mm and 3.15mm welding rods. It is an AC welder and not a DC.

TIP: 200A is used for thick materials.

Do's:

IMPORTANT: Check if the AMP settings are correct to avoid damaged electrical equipment.

Know what material you are going to weld, in order to apply the correct welding rod. Check engine oil every 4 hours (generator).

Insure that when welding the duty cycles are adhered to.

Normal petrol motors do's and dont's apply.



Don'ts:

Do not put the hot welding rod on the cable as the heat generated will melt the rubber isolation around the cable.

Do not weld near flammable liquids or materials as the sparks can cause ignition.

Do not over use equipment. Check duty cycles.

Welder Inverter 140AMP (WIS)

The welder inverter is quite a powerful machine for it's size. The electronics inside the equipment smoothes out the wave cycles, resulting in less amps usage but with a powerful output. It can be used on most materials such as palisades, gates etc. It generates 140AMPS but, being a DC welder you get the same finish on low amps compared to higher AMPS on a AC welder.

Do's:

Use the Welder only for what it was designed for.

Adhere to the duty cycles on the panel depending on the AMP setting.

Don'ts:

Do not abuse or drop this machine. The electronics inside the equipment is very fragile.

Do not over use equipment. Check duty cycles.

Do not use on extension cable longer than 25m. Always unroll the extension cable completely to avoid coil forming on extensions.



Advantages:

Light & Portable.

Can run it of a 6 KVA generator.

Can handle up to 2.15mm or 3.15mm rods. It's is, however, not recommended to use the 3.15mm rod over a long period of time.

Disadvantages:

Electronic computer system is very fragile.

Water, abuse & negligence can cause severe damage.