

PowerAll®

PA511

The **PowerAll® PA511 3.5kVA** is supplied as a complete mobile onboard power system, ready for installation utilising a PowerAll® approved bespoke fitting kit. The *Workplace* system generates 3500watts 110V AC power, 120 amp welding capability and 12v/24v battery boost charging all in one compact easy to install system. The PW511 PowerWeld boosted the welding output to 200amps.



POWER UNIT

<i>Cabinet Material</i>	Grey Powder Coated Steel
<i>Connections & Output</i>	2 x 16 amp 110v sockets with integral double pole earth leakage breakers 55-0-55V ac. with 0 bonded to equipment earth Integral fixing bracket
<i>Output voltage</i>	55-0-55V AC, 50Hz
<i>Output power</i>	up to 3.5 kVA continuous (3500 watts)
<i>WorkPlace</i>	DC output via high current APP double pole connector module suitable for charger or welding cables.
<i>Output voltage</i>	12/24v DC selectable
<i>Output power</i>	up to 120amps continuous
<i>Weight</i>	6 Kg
<i>Dimensions</i>	360 x 220 x 150 mm

Product Benefits

- Continuously rated – generate power all day with no need to refuel
- Light weight – typically 83% lower than a welder/generator, increasing available payload
- Less space requirement – typically 98% less volume than a generator, freeing up load space
- Manufactured in the UK to ISO 9001-2008 quality standards
- Low engine revs (typically 1250 rpm) to reduce fuel consumption and clean exhaust emissions compliant up to Euro V
- No need to carry additional fuel types and eliminated fuel theft.
- External cooling air, requires no filtration
- Fully 17th edition compliant with RCD and MCB. Meets HSE recommendation for AC output centre tapped to earth.
- Full UK wide field service support and two year warranty with planned maintenance programmes

TECHNICAL DATA

EQUIPMENT NAME: PA511
EQUIPMENT DESCRIPTION: Electronic multifunction power conversion unit for mobile applications

MODEL	PA511	PA511 WorkPlace	PW511 PowerWeld
AC MODE			
RATED OUTPUT WATTS	3500	3500	
RATED VOLTAGE	110	110	N/A
RATED CURRENT AMPS	32	32	N/A
RATED CONSUMPTION VA	3675	3675	N/A
FREQUENCY	50/60hz		N/A
EARTH LEAKAGE	5ma max		
CONSTRUCTION	CLASS 1		
DC MODE			
WELDING CURRENT	N/A	120A	200A
BOOST CHARGE CURRENT	N/A	120A	N/A
BOOST CHARGE VOLTAGE	N/A	12/24	N/A

CE MARKED

The PA511 has been self certified in all aspects and carries the CE mark. Whilst no specific standards exist for this type of equipment the equipment has been designed manufactured and tested in line with the following standards.

STANDARDS EMPLOYED

EN60950 -TCF
EN60204 -TCF
EN55011 -EMC EMISSION CLASS A
EN55022 -EMC EMISSION CLASS A
EN60335 -SAFETY
EN6100-3 -EMC
EN50081-1 -EMC EMISSION
EN50082-1 -EMC IMMUNITY

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