



# ALPHA Series Welding Sets

LPW2/EW200DC, LPW2/FW300TDC, LPW3/FW400TDC

Power range: 170–400 Amperes  
Speed range: 3000 r/min

*Welding generator close-coupled to liquid-cooled diesel engine*



LPW2/FW300TDC  
welding set

Control module



## Design Features

- ✓ Lister Petter ALPHA series diesel engine
- ✓ steel formed baseplate and two-wheeler site trolley (LPW2 models)
- ✓ skid type baseplate with 40 L integrated fuel tank and battery location (LPW3 model).
- ✓ 12 Volt electric start
- ✓ control panel
- ✓ alternator
- ✓ radiator

## Engine Specification

- diesel fuelled
- 2 or 3 cylinders
- liquid cooled
- direct injection
- naturally aspirated
- dry type air cleaner (LPW2/3)

## Options

A comprehensive range of options allows you to select a specification that matches your requirements. Please ask your Lister Petter distributor. (See panel overleaf.)

## Warranty

- standard: two years
- optional: five years

Conditions apply.

## ALPHA Series: Welding Sets Technical Data Sheet

Technical Data				
Model		LPW2/EW200DC	LPW2/FW300TDC	LPW3/FW400TDC
Engine Specification				
ALPHA series engine		LPW2	LPW2	LPW3
Speed	r/min	3000	3000	3000
Cooling		Liquid	Liquid	Liquid
Starting		Electric	Electric	Electric
Power output (to DIN 6271)	kW	13.4	13.4	20.1
	bhp	18.0	18.0	27.0
Welding Generator Specification				
Welding current	Amps	50–200	30–300	25–400
Duty	Amps (35%)	200	300	No data
	Amps (60%)	170	250	400
Strike voltage	Volts	75	70	88
Welding voltage	Volts	25–28	21.2–32	21.6–36
Type of electrodes		All types	All types	All types
Auxiliary Power (50 Hz)				
230 V, single phase (power factor 1)	kVA	4	4	4
	kWe	4	4	4
400 V, three phase (power factor 0.8)	kVA	No data	10	10
	kWe	No data	8	8
Approximate Dimensions and Weight				
Dimensions	cm	152 x 76 x 117	152 x 76 x 117	152 x 76 x 117
	in.	60 x 30 x 46	60 x 30 x 46	60 x 30 x 46
Weight	kg	380	430	480
	lb	838	948	1058

### Distributor's Address



**UK**

Lister Petter have made efforts to ensure that the information in this data sheet is accurate but reserve the right to amend specifications and information without notice and without obligation or liability.

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