

## DPR 100

<b>Model.-</b>	DPR 100
<b>Ref.-</b>	A10100PE1210063

	Power rating at 50 Hz	Power rating at 60 Hz
<b>Prime Power.-</b>	100 KVA / 80 KW	/
<b>Standby power.-</b>	110 KVA / 88 KW	/

### ENGINE - PERKINS

<b>Model.-</b>	1104C-44TAG2
<b>Electronically controlled.-</b>	<input type="checkbox"/>
<b>Electronic regulation.-</b>	<input checked="" type="checkbox"/>
<b>Nº de cylinders.-</b>	4
<b>Engine capacity.-</b>	4.400
<b>Bore.-</b>	105
<b>Stroke.-</b>	127
<b>Compression ratio.-</b>	18,3:1
<b>Water cooled.-</b>	<input checked="" type="checkbox"/>
<b>Air cooled.-</b>	<input type="checkbox"/>
<b>Speed at 50/60 Hz.-</b>	1500 R.P.M
<b>Prime power at 50/60 Hz.-</b>	80 KW
<b>Pre-heating system.-</b>	<input type="checkbox"/>
<b>Fuel tank capacity.-</b>	180 L.

	Fuel Consumption at 50 Hz		Fuel Consumption at 60 Hz	
	L/h	Autonomy (hours)	L/h	Autonomy (hours)
<b>25% load</b>	0	37,07	0	0

<b>50% load</b>	11,8	15,25	0	0
<b>75% load</b>	17,1	10,52	0	0
<b>100% load</b>	22,6	7,964	24,9	7,964

**COOLING SYSTEM**

<b>Air flow from fan at 50/60 Hz.-</b>	165,6
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**LUBRICATION SYSTEM**

<b>Oil Sump Capacity.-</b>	8 l.
<b>Maximum Oil Consumption.-</b>	0,15Fuel Consumption (%)

**AIR INTAKE SYSTEM**

<b>Aspirated Air Flow.-</b>	6,01 m3/m
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**ELECTRICAL SYSTEMMM**

<b>1 Battery.-</b>	12V 97 Ah.
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**ALTERNATOR - STAMFORD**

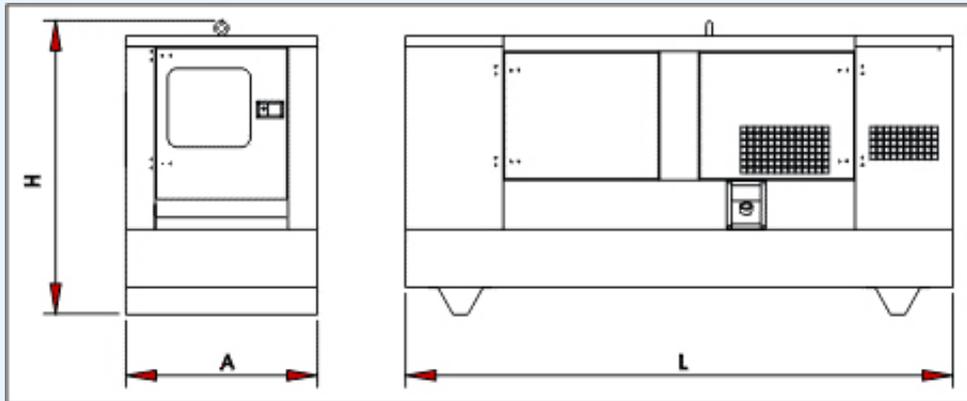
<b>Model.-</b>	UCI 274 C1
<b>Regulación electrónica.-</b>	<input checked="" type="checkbox"/> AVR MX341
<b>Compound Regulation.-</b>	<input type="checkbox"/>
<b>Power 400/230V 50HZHz</b>	100 kVA

**MODEL - STATIONARY WITH CANOPY**

<b>Maximum speed (km/h).-</b>	100
<b>No. of axles.-</b>	1
<b>Rigid axle/s.-</b>	<input type="checkbox"/>
<b>Axles with rubber suspension.-</b>	<input type="checkbox"/>
<b>Surge brake.-</b>	<input type="checkbox"/>
<b>Hand brake.-</b>	<input type="checkbox"/>
<b>Jockey wheel.-</b>	<input type="checkbox"/>
<b>Support.-</b>	<input type="checkbox"/>
<b>Visual devices.-</b>	<input type="checkbox"/>
<b>Lights.-</b>	<input type="checkbox"/>
<b>Ball coupling.-</b>	<input type="checkbox"/>
<b>DIN Coupling.-</b>	<input type="checkbox"/>
<b>Special couplings.-</b>	<input type="checkbox"/>

### WEIGHTS AND DIMENSIONS

<b>Length (L).-</b>	2.800 mm.	<b>Height (H).-</b>	1.535 mm.
<b>Width (A).-</b>	980 mm.	<b>Weight.-</b>	1.708 kg.



### CONTROL PANEL

#### MEASURING DEVICES

<b>Voltmeter Switch.-</b>	1
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<b>Amperímetro conmutable.-</b>	3
<b>Frequency Meter.-</b>	1
<b>Hours run meter.-</b>	<input checked="" type="checkbox"/>
<b>Fuel level guage.-</b>	<input checked="" type="checkbox"/>
<b>Water temperature guage.-</b>	<input checked="" type="checkbox"/>
<b>Oil pressure guage.-</b>	<input type="checkbox"/>
<b>Battery intensity guage.-</b>	<input type="checkbox"/>
<b>Battery voltage guage.-</b>	<input type="checkbox"/>

### **CONTROL DEVICES**

<b>Control card.-</b>	GPM 2
<b>Auto. start up for mains failure.-</b>	<input type="checkbox"/>
<b>Manual start up.-</b>	<input checked="" type="checkbox"/>
<b>Remote control start up.-</b>	<input checked="" type="checkbox"/>

### **Alarms**

<b>Start up failure.-</b>	<input checked="" type="checkbox"/>
<b>Battery charge failure.-</b>	<input checked="" type="checkbox"/>
<b>Low oil level.-</b>	<input checked="" type="checkbox"/>
<b>High water temperature.-</b>	<input checked="" type="checkbox"/>
<b>Low fuel level.-</b>	<input checked="" type="checkbox"/>
<b>Water level in radiator.-</b>	<input checked="" type="checkbox"/>
<b>Emergency stop.-</b>	<input checked="" type="checkbox"/>
<b>Overspeeding.-</b>	<input checked="" type="checkbox"/>
<b>Overload.-</b>	<input checked="" type="checkbox"/>
<b>Maintenance.-</b>	<input checked="" type="checkbox"/>

### **Automatic Generator Set**

<b>3-Phase monitoring card.-</b>	<input type="checkbox"/>
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Battery charger.-	<input type="checkbox"/>
Voltmeter (Phase-Mains-Genset).-	<input type="checkbox"/>
Automatic/Manual Function.-	<input checked="" type="checkbox"/>
LED indicators for commutation (Mains/Genset).-	<input type="checkbox"/>
Remote control software.-	<input type="checkbox"/>
RS 232 communication port.-	<input type="checkbox"/>
RS485 communication port.-	<input type="checkbox"/>

### PROTECTION DEVICES

Emergency stop button.-	<input checked="" type="checkbox"/>
ELCB Switch.-	<input checked="" type="checkbox"/>
Circuit breaker.-	, 1 4P 160A R
Contactor.-	

### STANDARD SUPPLY

Manual oil drain puma.-	<input checked="" type="checkbox"/>
Fuel filter high performance.-	<input checked="" type="checkbox"/>
Permanent magnet.-	<input checked="" type="checkbox"/>
Galvanised soundproofed canopy.-	<input checked="" type="checkbox"/>
Easy access tank.-	<input checked="" type="checkbox"/>
Cleaning hatch in fuel tank.-	<input checked="" type="checkbox"/>

### OPTIONAL SUPPLY

24 hours fuel tank.-	<input type="checkbox"/>
Galvanised painted retention bath.-	<input type="checkbox"/>
Spark arrestor.-	<input type="checkbox"/>
Quick connectors.-	<input type="checkbox"/>

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