

## 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

Model.-	1104C-44TAG2																		
Electronically controlled.-	<input type="checkbox"/>																		
Electronic regulation.-	<input checked="" type="checkbox"/>																		
N° de cylinders.-	4																		
Engine capacity.-	4.400																		
Bore.-	105																		
Stroke.-	127																		
Compression ratio.-	18,3:1																		
Water cooled.-	<input checked="" type="checkbox"/>																		
Air cooled.-	<input type="checkbox"/>																		
Speed at 50/60 Hz.-	1500 R.P.M																		
Prime power at 50/60 Hz.-	80 KW																		
Pre-heating system.-	<input type="checkbox"/>																		
Fuel tank capacity.-	180 L.																		
<table><tr><td></td><td colspan="2">Fuel Consumption at 50 Hz</td><td colspan="2">Fuel Consumption at 60 Hz</td></tr><tr><td></td><td>L/h</td><td>Autonomy (hours)</td><td>L/h</td><td>Autonomy (hours)</td></tr><tr><td>25% load</td><td>0</td><td>37,07</td><td>0</td><td>0</td></tr></table>						Fuel Consumption at 50 Hz		Fuel Consumption at 60 Hz			L/h	Autonomy (hours)	L/h	Autonomy (hours)	25% load	0	37,07	0	0
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						L/h	Autonomy (hours)	L/h	Autonomy (hours)										
25% load	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 SYSTEM

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

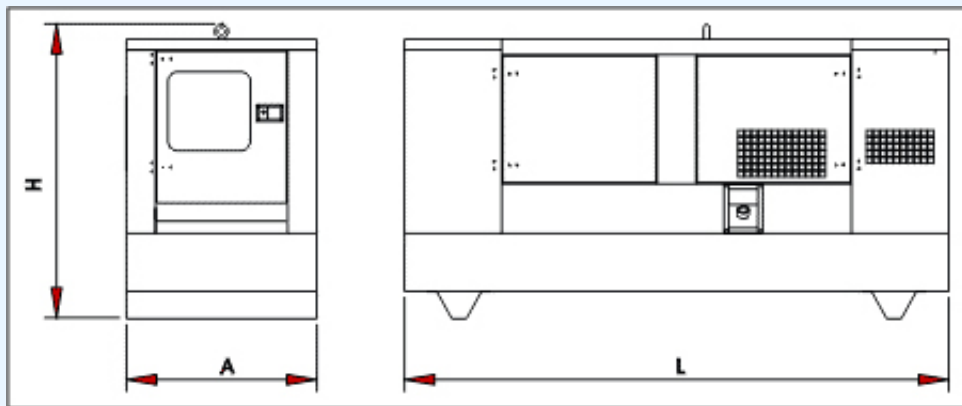
<b>Model.-</b>	UCI 274 C1
<b>Regulación electrónica.-</b>	<input checked="" type="checkbox"/> AVR MX341
<b>Compound Regulation.-</b>	<input type="checkbox"/>
<b>Power 400/230V 50HZHz</b>	100 kVA

### MODEL - STATIONARY WITH CANOPY

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

### WEIGHTS AND DIMENSIONS

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



### CONTROL PANEL

#### MEASURING DEVICES

Voltmeter Switch.-	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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