



**USR<sup>®</sup>**

**Diesel** Inverter Marine  
GENERATOR

USR Generator SET



# CARRYING POWER WITH YOU

Compact and lightweight | efficient operation | Silent and low odor emissions



**Diesel** Inverter Marine  
GENERATOR

# Generator accessories





# USR POWER GENERATOR

Water-Cooled (Ignition Protected for gas boat applications) the Powered by the reliable freshwater-cooled Kubota diesel engine and 100% freshwater cooling of the Asynchronous electrical end. With a noise level rating of 52 dBa @ 7meters this is an extremely quiet Generator.

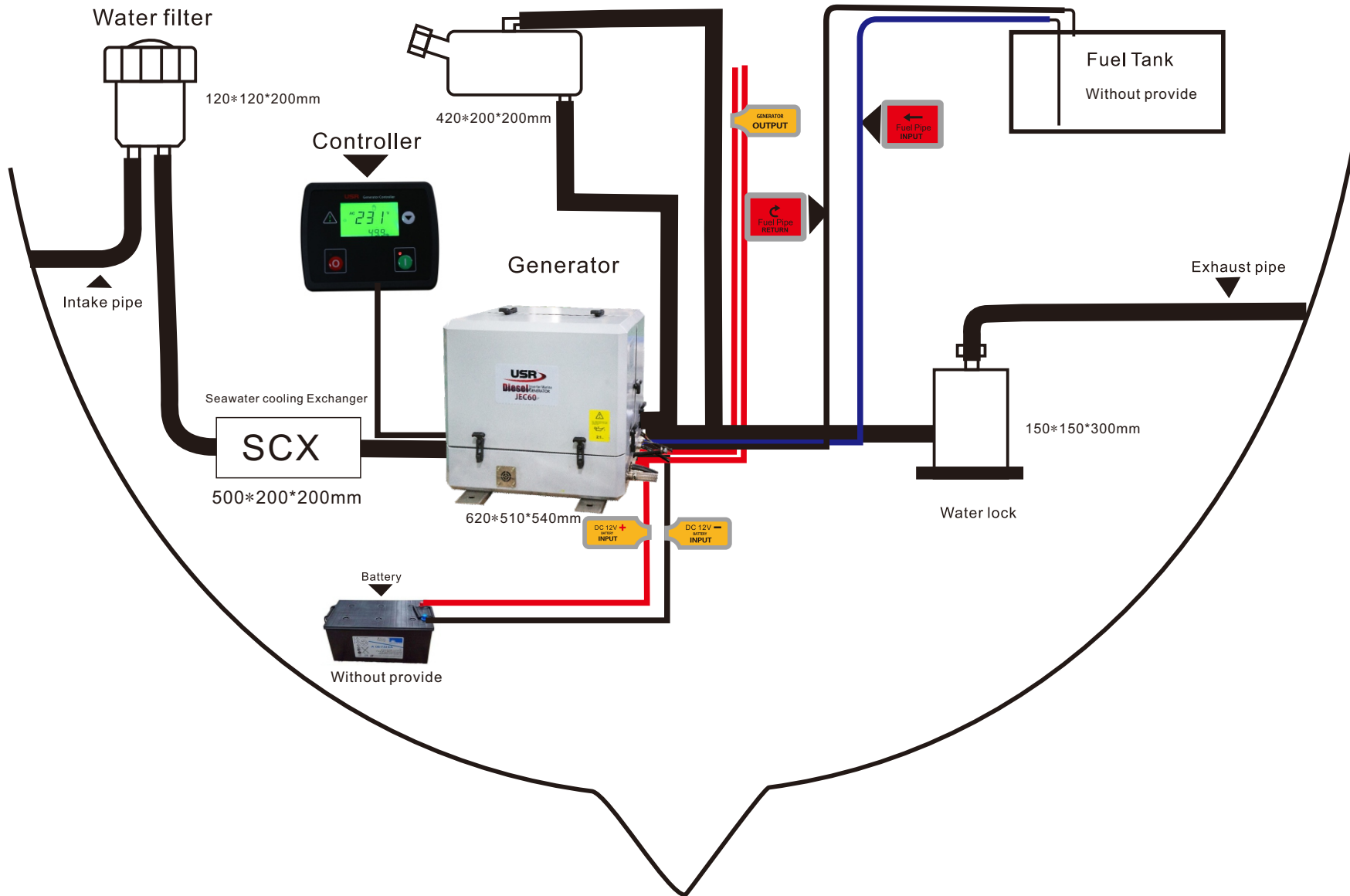


- Less weight, size and noise
- Extremely quiet (52dba@7meter)
- Direct driven fresh water-cooled
- Permanent magnet automatic speed regulating generator
- Robust twin-cylinder Kubota diesel engine
- Integrated internal booster enabling high inductive load starting
- Gear driven raw water pump
- Safety shutdowns for all critical

### FUNCTIONS

- Self protected against overload
- Ignition Protected for gas boat applications
- Comes complete with harnesses,
- remote control panel, sound enclosure and remote fuel lift pump
- 2 Years warranty

# Installation



## POWER PROVIDE TO MEET VARIOUS NEEDS

**Experience a comfortable and pleasant climate without City power**

- Single phase 120-240V
- Suitable for powering sensitive electronic products
- Contains remote control
- Steel body shell reduces noise hazard
- Charges the battery with automatic start function
- Use of new technologies



## NEW TECHNOLOGIES

# Create endless possibilities



In addition, this generator also has a parallel function, a yacht can install two generators at the same time for left and right balance.

The Generator can regulate the output of the power through the load, so the fuel consumption is very low.



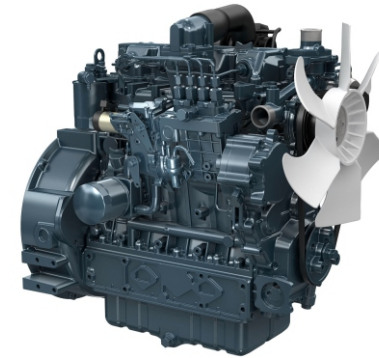
# Diesel

## KUBOTA Engine



# Kubota

## Power Stronger and lighter weight



- Stronger power ,compact size and lighter weight 56kg only.
- Noise level only **52**db.
- The Diesel generators increase energy efficiency by 50% per kilogram compared to conventional generators
- Also reduced in weight and mounting controls
- Variable-speed electromagnetic alternator makes the generator stronger



Neat and compact interior



## **Inverter Technology**

**making compact size and light weight**

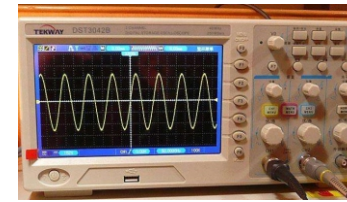
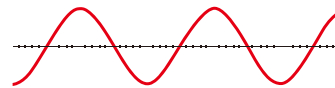
### Neat and compact interior

Inverter technology combined with permanent magnet generator can achieve compact size and light weight



# YOU NEED IT

## Solve the troubles of no grid power supply



It provides

Pure sine wave Power

Also adapts it to sensitive power equipment

No matter where you are

In the absence of utility power

You are free to use refrigerator,

Electronic equipment such as high-power air conditioners, motors, household equipment



## Remote Control

Easy to operate, safe and worry-free



The display panel with lighting system makes operation very easy, showing the relevant voltage, amperage, and start-up by alphanumeric Current, chronograph, etc., as well as a variety of alarm functions. No matter where you are



Remote control

Remote start and stop in 30 meters



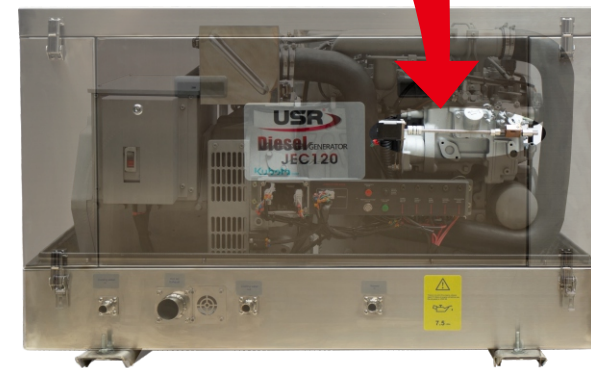
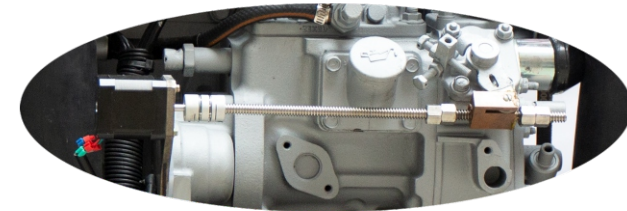
## Variable speed adjustment

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# Original RSV technology

Advanced RSV technology for less noise  
more fuel efficient  
longer life

The stepping motor drives the throttle to be smaller and more precise  
The internal temperature of the generator is lower





## JEC 60 Diesel Marina inverter Generator



### Generator

[Voltage] AC 230V Pure sine wave	[Noize Leval] 52db(7meters)
[Lated Output] 5600W	[Size] 700*510*650mm(width * height * depth)
[Max.Output] 6000W	[Weight] 168kG
[Engine Power] 10.0kW(13.0PS)	[Alternator type] Permanent magnet inverter Alternator
[Fuel] Diesel	[Quality Characteristics] overload , short circuit , lack of oil protection
[fuel consumption] up to 1.2L / h	[Detection mark] CE, E13
[Startup Mode] Remote Start	[Fuel Tank Capacity ] 60 Liter (Not provided by default)

### Engine

[Engine] KUBOTA Z482-E3B	[Type] Vertical,water-cooled,4-cycle IDI Diesel engine
[Combustion type] Spherical Type(E-TVCS)	[Brake Horse Power] 68.3 /3000 kW/rpm
[Fuel Pump] Mechanical	[Head Cover Assy] Closed Breather Type
[Emission Regulation] EPA Tier4	[Exhaust Gas Volume (25 C and 750mmHg)] 1.72m /min
[Fuel] Diesel Fuel No.2-D(ASTMD975)	[Lubricating System] Class CF lubricating oil as per API classification

## JEC 80 Diesel Marina inverter Generator



### Generator

[Voltage] AC 230V Pure sine wave	[Noize Leval] 52db(7meters)
[Lated Output] 7200W	[Size] 700*510*650mm(width * height * depth)
[Max.Output] 8000W	[Weight] 175kG
[Engine Power] 10.0kW(13.0PS)	[Alternator type] Permanent magnet inverter Alternator
[Fuel] Diesel	[Quality Characteristics] overload , short circuit , lack of oil protection
[fuel consumption] up to 1.2L / h	[Detection mark] CE, E13
[Startup Mode] Remote Start	[Fuel Tank Capacity ] 60 Liter (Not provided by default)

### Engine

[Engine] KUBOTA Z482-E3B	[Type] Vertical,water-cooled,4-cycle IDI Diesel engine
[Combustion type] Spherical Type(E-TVCS)	[Brake Horse Power] 68.3 /3600 kW/rpm
[Fuel Pump] Mechanical	[Head Cover Assy] Closed Breather Type
[Emission Regulation] EPA Tier4	[Exhaust Gas Volume (25 C and 750mmHg)] 1.72m /min
[Fuel] Diesel Fuel No.2-D(ASTMD975)	[Lubricating System] Class CF lubricating oil as per API classification

# Product parameters

## JEC100 10kW Vehicle Generator



### Generator

[Model]	JEC100	[Brand]	USR
[Lated Output]	10.0kW	[Max.Output]	12.0kW
[Rated Voltage]	115/230V 120/240V	[Rated Current]	86.9/43.4A 83/41.5A
[Frequency]	50Hz 60Hz	[Waveform distortion]	Sine wave distortion ≤1%
[Noise level(dB@7m) (Full Load)]	58dB	[Battery(12V-Ah)]	60Ah (Not provided by default)
[Overall dimension]	≤1056*620*680mm	[Detection mark]	CE, E13
[Overall weight]	≤375	[Fuel Tank Capacity]	60 Liter (Not provided by default)

### Engine

[Model]	D902-M-E3	[Brand]	Kubota
[Emission regulation]	EU Stage IIIA Level	[Continuous output / speed]	17.2kW/3000rpm
[Engine type]	Vertical water-cooled 4-stroke	[Combustion system]	Indirect Injection
[Cylinders]	3	[Fuel system]	In-line-pump
[Bore and stroke]	72X73.6mm	[Lubricating oil capacity]	3.7L
[Displacement]	0.9L	[Length*Width*Height]	434*401*544mm
[Aspiration]	Naturally aspirated	[Dry weight]	280kg

### Alternator

[Model]	STF10	[Brand]	USR
[Rated Power]	10.0kW	[Max.Output]	12.5kW
[Alternator type]	winding Brushless generator	[Voltage Regulation]	245-230V
[Speed method]	Auto	[Phase]	Single Phase
[Rotor Speed]	3000rpm	[Temperature rise (°C)]	125
[Insulation grade (stator/rotor)]	H/ H	[Voltage regulation range w/o load]	95% ~ 105%
[Steady-state voltage deviation]	Less ±1%	[IP grade]	IP22

### Control Panel

[Model]	CP336	[Brand]	USR
[Installation]	In-built, Remote wired control		
[Auto function]	Manual/auto protection/shutdown, water temperature alarm, oil pressure alarm		
[Parameter display]	AC voltage, frequency, running hour, charging voltage		
[Warranty]	24 months or 2000 running hours, whichever comes first.		

# Product parameters

## JEC120 12kW Vehicle Generator

<b>Generator</b>	[Model] JEC120	[Brand] USR
	[Lated Output] 12.0kW	[Max.Output] 14.0kW
	[Rated Voltage] 115/230V 120/240V	[Rated Current] 104/52A 100/50A
	[Frequency] 50Hz 60Hz	[Waveform distortion ] Sine wave distortion≤1%
	[Noise level(dB@7m) (Full Load)] 58dB	[Battery(12V-Ah)] 60Ah (Not provided by default)
	[Overall dimension] ≤1160*650*700mm	[Detection mark] CE, E13
	[Overall weight] ≤380	[Fuel Tank Capacity ] 60 Liter (Not provided by default)



<b>Engine</b>	[Model] V2203-M-E3	[Brand] Kubota
	[Emission regulation] EU Stage IIIA Level	[Continuous output / speed] 17.2kW/1500rpm
	[Engine type] Vertical water-cooled 4-stroke	[Combustion system] Indirect Injection
	[Cylinders] 4	[Fuel system ] In-line-pump
	[Bore and stroke] 87.0*92.4mm	[Lubricating oil capacity] 7.5L
	[Displacement] 2.197L	[Length*Width*Height] 669*481*633mm
	[Aspiration] Naturally aspirated	[Dry weight ] 200kg

<b>Alternator</b>	[Model] STF12	[Brand] USR
	[Rated Power] 12.0kW	[Max.Output] 14kW
	[Alternator type] winding Brushless generator	[Voltage Regulation] 245-230V
	[Speed method] Auto	[Phase ] Single Phase
	[Rotor Speed ] 1500rpm	[Temperature rise (°C) ] 125
	[Insulation grade( stator/rotor)] H/H	[Voltage regulation range w/o load] 95% ~ 105%
	[Steady-state voltage deviation] Less ±1%	[IP grade] IP22

<b>Control Panel</b>	[Model] CP336	[Brand] USR
	[Installation] In-built, Remote wired control	
	[Auto function] Manual/auto protection/shutdown, water temperature alarm, oil pressure alarm	
	[Parameter display] AC voltage, frequency, running hour, charging voltage	
	[Warranty] 24 months or 2000 running hours, whichever comes first.	



# Product parameters

## JEC150 15kW Vehicle Generator



### Generator

[Model]	JEC150	[Brand]	USR
[Rated Output]	15.0kW	[Max.Output]	17.5kW
[Rated Voltage]	115/230V 120/240V	[Rated Current]	130/65A 125/62A
[Frequency]	50Hz 60Hz	[Waveform distortion]	Sine wave distortion≤1%
[Noise level(dB@7m) (Full Load)]	57dB	[Battery(12V-Ah)]	60Ah (Not provided by default)
[Overall dimension]	≤1160*620*700mm	[Detection mark]	CE, E13
[Overall weight]	≤427	[Fuel Tank Capacity]	60 Liter (Not provided by default)

### Engine

[Model]	V2203-M-E3	[Brand]	Kubota
[Emission regulation]	EU Stage IIIA Level	[Continuous output / speed]	17.2kW/1500rpm
[Engine type]	Vertical water-cooled 4-stroke	[Combustion system]	Indirect Injection
[Cylinders]	4	[Fuel system]	In-line-pump
[Bore and stroke]	87.0*92.4mm	[Lubricating oil capacity]	3.7L
[Displacement]	2.197L	[Length*Width*Height]	669*481*633mm
[Aspiration]	Naturally aspirated	[Dry weight]	200kg

### Alternator

[Model]	STF15	[Brand]	USR
[Rated Power]	15.0kW	[Max.Output]	17.5kW
[Alternator type]	winding Brushless generator	[Voltage Regulation]	245-230V
[Speed method]	Auto	[Phase]	Single Phase
[Rotor Speed]	1500rpm	Temperature rise (°C)	125
[Insulation grade (stator/rotor)]	H/H	[Voltage regulation range w/o load]	95% ~ 105%
[Steady-state voltage deviation]	Less ±1%	[IP grade]	IP22

### Control Panel

[Model]	CP336	[Brand]	USR
[Installation]	In-built, Remote wired control		
[Auto function]	Manual/auto protection/shutdown, water temperature alarm, oil pressure alarm		
[Parameter display]	AC voltage, frequency, running hour, charging voltage		
[Warranty]	24 months or 2000 running hours, whichever comes first.		

# Product parameters

## JEC200 20kW Vehicle Generator

<b>Generator</b>	[Model] JEC200	[Brand] USR
	[Lated Output] 20.0kW	[Max.Output] 22.5kW
	[Rated Voltage] 115/230V 120/240V	[Rated Current] 170/85A 160/80A
	[Frequency] 50Hz 60Hz	[Waveform distortion ] Sine wave distortion≤1%
	[Noise level(dB@7m) (Full Load)] 58dB	[Battery(12V-Ah)] 60Ah (Not provided by default)
	[Overall dimension] ≤1380*680*860mm	[Detection mark] CE, E13
	[Overall weight] ≤467	[Fuel Tank Capacity ] 60 Liter (Not provided by default)



<b>Engine</b>	[Model] V3300-M-E3	[Brand] Kubota
	[Emission regulation] EU Stage II Level	[Continuous output / speed] 32.1kW/1500rpm
	[Engine type] Vertical water-cooled 4-stroke	[Combustion system] Indirect Injection
	[Cylinders] 4	[Fuel system ] In-line-pump
	[Bore and stroke] 98.0*110.0mm	[Lubricating oil capacity] 4.3L
	[Displacement] 3.318L	[Length*Width*Height] 738*537*800mm
	[Aspiration] Naturally aspirated	[Dry weight ] 289kg

<b>Alternator</b>	[Model] STF20	[Brand] USR
	[Rated Power] 20.0kW	[Max.Output] 23.0kW
	[Alternator type] winding Brushless generator	[Voltage Regulation] 245-230V
	[Speed method] Auto	[Phase ] Single Phase
	[Rotor Speed ] 1500rpm	[Temperature rise (°C) ] 125
	[Insulation grade: stator/rotor]] H/H	[Voltage regulation range w/o load] 95% ~ 105%
	[Steady-state voltage deviation] Less ±1%	[IP grade] IP22

<b>Control Panel</b>	[Model] CP336	[Brand] USR
	[Installation] In-built, Remote wired control	
	[Auto function] Manual/auto protection/shutdown, water temperature alarm, oil pressure alarm	
	[Parameter display] AC voltage, frequency, running hour, charging voltage	
	[Warranty] 24 months or 2000 running hours, whichever comes first.	

# Product parameters

## JEC250 25kW Vehicle Generator



### Generator

[Model]	JEC250	[Brand]	USR
[Lated Output]	25.0kW	[Max.Output]	27.5kW
[Rated Voltage]	115/230V 120/240V	[Rated Current]	217/108A 208/104A
[Frequency]	50Hz 60Hz	[Waveform distortion]	Sine wave distortion≤1%
[Noise level(dB@7m) (Full Load)]	58dB	[Battery(12V-Ah)]	60Ah (Not provided by default)
[Overall dimension]	≤1380*680*860mm	[Detection mark]	CE, E13
[Overall weight]	≤480	[Fuel Tank Capacity]	60 Liter (Not provided by default)

### Engine

[Model]	V3300-M-E3	[Brand]	Kubota
[Emission regulation]	EU Stage II Level	[Continuous output / speed]	32.1kW/1500rpm
[Engine type]	Vertical water-cooled 4-stroke	[Combustion system]	Indirect Injection
[Cylinders]	4	[Fuel system]	In-line-pump
[Bore and stroke]	98.0*110.0mm	[Lubricating oil capacity]	4.3L
[Displacement]	3.318L	[Length*Width*Height]	738*537*800mm
[Aspiration]	Naturally aspirated	[Dry weight]	289kg

### Alternator

[Model]	STF25	[Brand]	USR
[Rated Power]	20.0kW	[Max.Output]	27.5kW
[Alternator type]	winding Brushless generator	[Voltage Regulation]	245-230V
[Speed method]	Auto	[Phase]	Single Phase
[Rotor Speed]	1500rpm	[Temperature rise (°C)]	125
[Insulation grade( stator/rotor)]	H/H	[Voltage regulation range w/o load]	95% ~ 105%
[Steady-state voltage deviation]	Less ±1%	[IP grade]	IP22

### Control Panel

[Model]	CP336	[Brand]	USR
[Installation]	In-built, Remote wired control		
[Auto function]	Manual/auto protection/shutdown, water temperature alarm, oil pressure alarm		
[Parameter display]	AC voltage, frequency, running hour, charging voltage		
[Warranty]	24 months or 2000 running hours, whichever comes first.		

# Product parameters

## JEC300 30kW Vehicle Generator

<b>Generator</b>	[Model] JEC300	[Brand] USR
	[Lated Output] 30.5kW	[Max.Output] 35.0kW
	[Rated Voltage] 230V	[Rated Current] 130A
	[Frequency] 50Hz 60Hz	[Waveform distortion ] Sine wave distortion≤1%
	[Noise level(dB@7m) (Full Load)] 58dB	[Battery(12V-Ah)] 60Ah (Not provided by default)
	[Overall dimension] ≤1380*700*900mm	[Detection mark] CE, E13
	[Overall weight] ≤890	[Fuel Tank Capacity ] 60 Liter (Not provided by default)



<b>Engine</b>	[Model] V3300T-M-E3	[Brand] Kubota
	[Emission regulation] EU Stage II Level	[Continuous output / speed] 35.5kW/1500rpm
	[Engine type] Vertical water-cooled 4-stroke	[Combustion system] Indirect Injection
	[Cylinders] 4	[Fuel system ] In-line-pump
	[Bore and stroke] 98.0*110.0mm	[Lubricating oil capacity] 4.3L
	[Displacement] 3.318L	[Length*Width*Height] 738*537*800mm
	[Aspiration] Naturally aspirated	[Dry weight ] 289kg

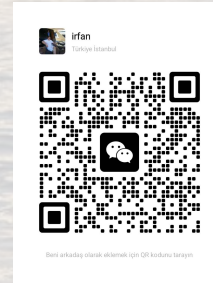
<b>Alternator</b>	[Model] STF45	[Brand] USR
	[Rated Power] 35.0kW	[Max.Output] 45kW
	[Alternator type] winding Brushless generator	[Voltage Regulation] 245-230V
	[Speed method] Auto	[Phase ] Single Phase
	[Rotor Speed ] 1500rpm	[Temperature rise (°C) ] 125
	[Insulation grade( stator/rotor)] H/H	[Voltage regulation range w/o load] 95% ~ 105%
	[Steady-state voltage deviation] Less ±1%	[IP grade] IP22

<b>Control Panel</b>	[Model] CP336	[Brand] USR
	[Installation] In-built, Remote wired control	
	[Auto function] Manual/auto protection/shutdown, water temperature alarm, oil pressure alarm	
	[Parameter display] AC voltage, frequency, running hour, charging voltage	
	[Warranty] 24 months or 2000 running hours, whichever comes first.	



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