

Parameter	Value
General parameters	
Climatic execution	-10°C to +55°C
Humidity	10-100%
Color of casing	white (standard) or customized
Body noise insulation	yes
Noise level	according to international standards
Forklift pockets	yes
Wheels	tubeless
Battery	12V, 100Ah, wire with plug for 230V 50Hz network charging
Grounding	yes (bolt at the frame)
Body and chassis	anticorrosive coating
Clearance, mm	180
Parking brakes	yes, in depends of towbar up or down
Output and input filters against electromagnetic disturbance	yes
Simultaneous work of AC and DC channels	yes
Line drop compensation of AC and DC channels	automatic
Output and input filters against electromagnetic disturbance	yes
Output cables with aircraft plugs length, m	10 (standard)
Dimensions LxWxH, mm	3120x1660x1800
Weight, less than kg	2600
Warranty	24 months
Diesel generator unit	
Output voltage of diesel generator	3x400, N, PE
Engine	Perkins/Deutz
Starting system	Electric starter
Cooling system	water, closed
Engine speed, RPM	1500
Fuel tank capacity, l	for 8 hours of continuous work
First maintenance of DG and engine	1 year or 500 hours, whichever comes first
Engine operation time meter	yes
Control system language	English
Protection	
Overheating protection; Protection of over/under voltage at in/output; Overload protection; Over/under frequency protection; Protection of short circuit at input and output	
Engine section	automatic shutdown for: low oil pressure, high coolant temperature, engine over speed
Emergency stop button	entire unit stop, including the engine
Display	
Main control panel	Alarms and faults (AC, DC); Voltage (AC, DC); Current (AC, DC); Frequency (AC); Start/Stop (AC, DC); Signal of engine fault
Control panel for the Diesel Generator Set	Engine speed; Engine temperature; Oil pressure

AC Output parameters	
Number of outputs	1
Rated output power, kVA	45
Rated output voltage, VAC	3 x 115/200
Range of load changes, %	0-100
Total harmonic distortion, not worse, %	3
Output frequency, Hz	400 $\pm$ 0.1
Power factor	>0.8 at 100% load
Coefficient of efficiency, %	97
Line drop compensation	automatic
Interlock (Bypass)	yes
Overload rating	600 sec. - 110%
Protections, automatic shutdown after	Over/under voltage at output; Overload; Over temperature; Short circuit at output
DC Output parameters	
Number of outputs	1
Current (continuously), A	800
Rated output voltage, VDC	28.5
Output voltage stabilization accuracy, V	$\pm$ 0.5
Output voltage ripple factor, %	$\leq$ 2
Coefficient of efficiency, %	97
Interlock (Bypass)	yes
Overload rating	1200 A - 5 sec
Documentation	
User Manual + Service Manual of APA; User Manual + Service Manual of DGS; Spare Parts Catalogue of DGS; Passport of APA; Warranty Certificate of APA	
Extra payment options	
Spare wheel	1 pcs.
Flashing light	at the roof of enclosure
Prime Power from external network	3x400V, 50 Hz, 125A (3L+N+PE) (<i>terminals or plug, type should be defined</i>)
Additional output from DGS	1p 220V, 50Hz 16A (<i>plug's type to be defined</i>)
Additional output from DGS	3p 400V, 50Hz 32A (<i>plug's type to be defined</i>)
Winter kit (for cold regions)	up to -40°C

Dimensions

