



## POWERFULL "U"



For illustrative purposes only

### ENGINE

Description	PERKINS
Engine model	4012-46TWG2A
Cylinders	12
RPM speed	1800
Cubic capacity	45.84 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	00-18
BMEP	1608 kPa
Cooling	Water
Flywheel P.R.P. Power net	1106.0 kW
Flywheel Stand-by Power net	1217.0 kW
Fuel Cons. at 100% (L.T.P.)	298.0 l/h
Fuel Cons. at 100% (P.R.P.)	266.0 l/h
Fuel Cons. at 75% (P.R.P.)	0.0 l/h
Fuel Cons. at 50% (P.R.P.)	0.0 l/h
Fuel Cons. at 25% (P.R.P.)	0.0 l/h
Electronic regulator	Standard
Precision class	G3
Oil quantity	177.0 l
Engine Antifreeze capacity	73.0 l
Radiator type	TR
Heat from radiator	387.0 kW
Heat from exhaust	914.0 kW
Heat from radiation	81.0 kW
Exhaust temperature	430 °C
	0.0
Combustion air flow	0.0 m³/min
Exhaust gas flow	235.0 m³/min
TA Luft	N
TA Luft/2	N
EPA	N
Stage	N

### MAIN DATA

Continuous power (PRP)	<b>1253.00</b> kVA
Continuous power (PRP)	<b>1002.40</b> kW
Stand-by power (LTP)	<b>1385.00</b> kVA
Stand-by power (LTP)	<b>1108.00</b> kW
VAC - HZ - cos(fi)	<b>220 - 60 - 0.8</b>

### DIMENSIONS AND WEIGHT

Width	2050 mm
Length	5300 mm
Height	2360 mm
Weight	10290 kg

### ALTERNATOR

Description	STAMFORD
Alternator model	HCI6K
P.R.P. Power	1338 kVA
L.T.P. Power	1463 kVA
Connection	Parallel star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	MX322
Precision	0.5 ± %

### BASEFRAME

Model	ST60
Standard tank	0 l
Optional tank	0 l
Oversized tank*	0 l

### CANOPY & SILENCER

Canopy model	SENZA COFANO
Silencer model	MS 45
Silencer outlet diameter	219 mm

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0.850kg/l. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance.

**P.R.P. Prime Power-Continuous power at variable load:** The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer, according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer.

**L.T.P. Limited-time running power-Limited power:** The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

