



HELVETICA POWER®

80KW Yunnei Euro5 generator set-Super Silent type

Diesel Genset:

Model: HPYU04080	Steady-state voltage regulation (%) : $\leq \pm 1$
Prime Power: 80kw/100kva	Voltage fluctuation rate (%) : $\leq \pm 0.5$
Elevation: $\leq 1000\text{m}$	Transient voltage regulation (%) : $+20 \sim -15$
Voltage: 400V	Voltage settling time (s) : ≤ 1
Current: 144.34A	Steady state frequency regulation (%) : $\leq \pm 1$
Frequency: 50Hz	Frequency fluctuation rate (%) : $\leq \pm 0.5$
Speed: 1500rpm	Transient frequency regulation (%) : $+10 \sim -7$
Fuel Oil: 0#, -10#	Frequency stability time (S) : ≤ 3
Dimension: 2900*1150*1600mm	Fuel consumption (100% load): $\leq 205\text{g/kW.h}$
Weight: 1550KGS	Noise (LP7m) : $\leq 68\text{dB}$

Disel Engine:

Brand: Yunnei Euro5	Cooling Type: Water cooled
Rated Power: 103KW	Oil supply way: electric controlled high voltage common rail jet system
Engine Model: DEF47CZKA5	Speed adjustment way: electron speed governors
Cylinder No.: 4	Post-processing method: Supercharged and Mid-cooling+EGR+DOC+DPF
Bore stroke: 110*124 mm	Overload capacity: 110%
Displacement: 4.7L	Compression ratio: $(17.2 \pm 1) : 1$
Starting system: DC24V electric start	Speed: 1500rpm

Brushless Alternator:

Brand: HELVETICA POWER	Level of protection: IP23
Model: HP274C Copy Stamford brushless type, 100% copper	Connection mode: three-phase four-wire system
Prime Power: 80kw/100kva	Adjust way: AVR (automatic voltage regulator)
Voltage: 230V/400V	Frequency: 50Hz
Insulation class: class H	Power factor: $\cos\Phi=0.8$

Others :

Super Silent type	ATS (automatic transfer switch), Remote control
Packing: Plastic Flim + Tarpaulin cover	CEE sockets with fuses, oil and water heater