

## KP / Series Powered by Perkins Engines

## KP600/KP660E Diesel Generating Set

50Hz

610kVA/48bkW         668kVA/535kW         3310×1536×2140         4661         6-8h           Standard Configuration         Engine (Perkins)         Alternator (Mecc Alte)         Ambient Temperature: \$27°C           Channel Steel Base         50°C Radiator         - Air Filter, Dissel Puel Filter, Lube Oil Filter         - Relative Humidity: \$60%, Attrude: \$1000m           9 4V Charging Alternator         - Air Filter, Dissel Puel Filter, Lube Oil Filter         - Relative Humidity: \$60%, Attrude: \$1000m           9 4W Charging Alternator         - Air Filter, Dissel Puel Filter, Lube Oil Filter         - Relative Humidity: \$60%, Attrude: \$1000m           9 4W Charging Alternator         - Control Parel         - Alternator: VDE0530, BS5000, NEMA MK91:32, JEC34           9 4W Shardre Battery and Connecting Cable         - Generator: ISO8528, GB2820         - Generator: ISO8528, GB2820           • Flexible Pipe, Exhaust Elbow, Industrial Silencer, etc.         - Generator: ISO8528, GB2820         - Generator: ISO8528, GB2820           • Flexible Pipe, Exhaust Elbow, Undustrial Silencer, etc.         - Generator: ISO8528, GB2820         - Generator: ISO8528, GB2820           • Flexible Pipe, Exhaust Elbow, Undustrial Silencer, etc.         - Generator: ISO8528, GB2820         - Generator: ISO8528, GB2820           • Flexible Pipe, Exhaust Elbow, Undustrial Silencer, etc.         - Generator: ISO8528, GB2820         - Generator: ISO8528, GB2820           • Gontage Control Flow Mar	Prime Rating	Standby Rat	ing Dim	ensions (L×W×H mn	n) Weight (Kg)	Fuel - Hours of Run-time
<ul></ul>	610kVA/488kW	668kVA/535k	ŚW	3310×1536×2140	4661	6-8h
Channel Steel Base         50°C Radiator         Relative Humidity s60%, Altitude: s1000m           24V Charging Alternator         Air Filter, Diesel Fuel Filter, Lube OII Filter         Engine: ISO3046, DIN6271, BS5514           24V Statrer Battery and Connecting Cable         Alternator: VD6303, BS5000, NEMA MG1:32, IEC34         Generator: ISO8528, GB2820           24V Statrer Battery and Connecting Cable         Generator: ISO8528, GB2820         Generator: ISO8528, GB2820           Flexible Pipe, Exhaust Elbow, Industrial Silencer, etc.         Generator: ISO8528, GB2820         Generator: ISO8528, GB2820           Voltage (V)         Hz         Phase         PF         Max. Current (A)         Prime (kVA/kW)           416/240         50         3         0.8         929         G10/488         G68/535           380/220         50         3         0.8         966         G10/488         G68/535           380/220         50         3         0.8         1015         610/488         G68/535           Induction System:         Turbo-charged         Displacement (L):         18.13           Gylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145.11           Governor Type:         Electronic         Speed (RPM):         1500         1500           Air System <td>Standard Configuration</td> <td></td> <td></td> <td></td> <td>Test Condition and</td> <td>d Standards</td>	Standard Configuration				Test Condition and	d Standards
• 24V Charging Alternator       • Air Filter, Diesel Fuel Filter, Lube Oil Filter       • Engine: ISO3046, DIN8271, BS5514         • GE Circuit Breaker       • Control Panel       • Alternator: VDE0530, BS5000, NEMA MG1-32, IEC34         • 24V Starter Battery and Connecting Cable       • Generator: ISO8528, GB2820         • Flexible Pipe, Exhaust Elibow, Industrial Silencer, etc.       • Generator: ISO8528, GB2820         • Generating Set Output Rating       • Generator: ISO8528, GB2820         Voltage (V)       Hz       Phase       PF       Max. Current (A)       Prime (kVA/kW)       Standby (kVA/kW)         415/240       50       3       0.8       929       610/488       668/535         400/230       50       3       0.8       966       610/488       668/535         Engine Technical Data        Model:       2806C-E18TAG1A       Max. Power (kW):       565         Induction System:       Turbo-charged       Displacement (L):       18.13         Oyinder Arrangement:       In Line, Four Cycle       Bor (mn):       145×113         Combustion Air Flow (M <sup>3</sup> min):       Prime: 40       Standby: 41       Exhaust Gas Temperature (\bot):       5.9         Exhaust Gas Temperature (\bot):       555       Exhaust Gas Temperature (\bot):       6.9       Exhaust Gas Temperature (\bot):	Engine (Perkins)	Alternator (	Mecc Alte)		Ambient Temperatu	<b>re: ≤27</b> °C
• GE Circuit Breaker         • Control Panel         • Atternator: VDE0500, BS5000, NEMA MG1-52, IEC34           • 24V Stater Battery and Connecting Cable         • Generator: ISO8528, GB2820           • Flexible Pipe, Exhaust Elbow, Industrial Silencer, etc.         • Generator: ISO8528, GB2820 <b>Cenerating Set Output Rating</b> • Generator: ISO8528, GB2820 <b>Voltage (V) Hz</b> Phase         PF         Max. Current (A)         Prime (kVA/kW)         Standby (kVA/kW)           415/240         50         3         0.8         929         610/488         668/535           400/230         50         3         0.8         929         610/488         668/535           Engine Technical Data           Model:         2808C-E18TAG1A         Max. Power (kW):         565           Induction System:         Turbo-charged         Displacement (L):         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145:14           Gowernor Type:         Electronic         Speed (RPM):         1500           Air System          Combustion Air Flow (M <sup>3</sup> min):         110/115         Max. Back Pressure (kPa):         6.9           Exhaust Gas Temperature (°C):         ≤565         Exhaust Gas	Channel Steel Base	● 50°C Radia	tor		<ul> <li>Relative Humidity: ≤</li> </ul>	60%, Altitude: ≤1000m
• 24V Starter Battery and Connecting Cable       • Generator. ISOS28, GB282.0         • Flexible Pipe, Exhaust Elbow, Industrial Silencer, etc.       • Generator 0&M Manuals         Cenerating Set Output Rating         Voltage (V)       Hz       Phase       PF       Max. Current (A)       Prime (kVA/kW)       Standby (kVA/kW)         415/240       50       3       0.8       929       610/488       668/535         400/230       50       3       0.8       929       610/488       668/535         380/220       50       3       0.8       966       610/488       668/535         Induction System:       Turbo-charged       Displacement (L):       18.13       Cylinder Arrangement:       11 Line, Four Cycle       Bore (mm) × Stoke (mm):       145×183         Number of Cylinders:       6       Compression Ratio:       14.5:1       Governor Type:       Electronic       Speed (RPM):       1500         Air System       Combustion Air Flow (M <sup>3</sup> min):       Prime: 40       Standby: 41       Exhaust Gas Temperature (°C):       565       Exhaust Outlet Size (mm):       219         Lubrication System       100115       Max. Back Pressure (kPa):       6.9       6.9       Exhaust Gas Temperature (°C):       130.14         Recommended Oil: <td>24V Charging Alternator</td> <td>Air Filter, Di</td> <td>esel Fuel Filter, Lub</td> <td>be Oil Filter</td> <td colspan="2">• Engine: ISO3046, DIN6271, BS5514</td>	24V Charging Alternator	Air Filter, Di	esel Fuel Filter, Lub	be Oil Filter	• Engine: ISO3046, DIN6271, BS5514	
Prexible Pipe, Exhaust Elbow, Industrial Silencer, etc.         Generator O&M Manuals           Concernating Set Output Rating         Voltage (V)         Hz         Phase         PF         Max. Current (A)         Prime (kVArkW)         Standby (kVArkW)           415/240         50         3         0.8         929         610/488         668/535           400/230         50         3         0.8         926         610/488         668/535           380/220         50         3         0.8         906         610/488         668/535           Engine Technical Data         Model:         2806C-E18TAG1A         Max. Power (kW):         565           Induction System:         Turbo-charged         Displacement (L):         18.13         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145×183           Number of Cylinders:         6         Compression Ratio:         14.5:1           Governor Type:         Electronic         Standby: 41         Exhaust Gas Temperature (\C):         565           Combustion Air Flow (M <sup>3</sup> /min):         110/115         Max. Back Pressure (kPa):         6.9           Exhaust Gas Temperature (\C):         s565         Exhaust Outlet Size (mm):         219	GE Circuit Breaker	Control Par	nel		• Alternator: VDE053	0, BS5000, NEMA MG1-32, IEC34
Generating Set Output Rating           Voltage (V)         Hz         Phase         PF         Max. Current (A)         Prime (kVA/kW)         Standby (kVA/kW)           4 15/240         50         3         0.8         929         610/488         668/535           400/230         50         3         0.8         966         610/488         668/535           380/220         50         3         0.8         1015         610/488         668/535           Engine Technical Data	24V Starter Battery and Connecting Cable				Generator: ISO852	8, GB2820
Voltage (V)         Hz         Phase         PF         Max. Current (A)         Prime (kVA/kW)         Standby (kVA/kW)           415/240         50         3         0.8         929         610/488         668/535           400/230         50         3         0.8         966         610/488         668/535           380/220         50         3         0.8         1015         610/488         668/535           Engine Technical Data         Max. Power (kW):         565         668/535         668/535           Induction System:         Turbo-charged         Displacement (L):         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145×183           Number of Cylinders:         6         Compression Ratio:         14.5:1           Governor Type:         Electronic         Speed (RPM):         1500           Air System         Zombustion Gas Flow (M <sup>3</sup> /min):         Prime: 40         Standby: 41           Exhaust Gas Temperature (°C):         5565         Exhaust Outlet Size (mm):         219           Lubrication System         0il Consumption 100% Load (L/h):         0.13/0.14           Normal Oil Temperature (°C):         113         Recommended Oil:         API CF-4 15W/4	Flexible Pipe, Exhaust Elbert	ow, Industrial Silen	cer, etc.		Generator O&M Manuals	
Voltage (V)         Hz         Phase         PF         Max. Current (A)         Prime (kVA/kW)         Standby (kVA/kW)           415/240         50         3         0.8         929         610/488         668/535           400/230         50         3         0.8         966         610/488         668/535           380/220         50         3         0.8         1015         610/488         668/535           Engine Technical Data         Max. Power (kW):         565         668/535         668/535           Induction System:         Turbo-charged         Displacement (L):         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145×183           Number of Cylinders:         6         Compression Ratio:         14.5:1           Governor Type:         Electronic         Speed (RPM):         1500           Air System         Zombustion Gas Flow (M <sup>3</sup> /min):         Prime: 40         Standby: 41           Exhaust Gas Temperature (°C):         5565         Exhaust Outlet Size (mm):         219           Lubrication System         0il Consumption 100% Load (L/h):         0.13/0.14           Normal Oil Temperature (°C):         113         Recommended Oil:         API CF-4 15W/4	Generating Set Output R	ating				
400/230         50         3         0.8         966         610/488         668/535           380/220         50         3         0.8         1015         610/488         668/535           Engine Technical Data         Kasses         Kasses         Kasses         Kasses         Kasses           Model:         2806C-E18TAG1A         Max. Power (kW):         565         565           Induction System:         Turbo-charged         Displacement (L):         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145×183           Number of Cylinders:         6         Compression Ratio:         14.5:1           Governor Type:         Electronic         Speed (RPM):         1500           Air System          565         Exhaust System         6.9           Combustion Air Flow (M <sup>3</sup> /min):         Prime: 40         Standby: 41         6.9           Exhaust Gas Temperature (°C):         ≤565         Exhaust Outlet Size (mm):         6.9           Exhaust Gas Temperature (°C):         ≤565         Exhaust Outlet Size (mm):         219           Lubrication System         62         Oil Consumption 100% Load (L/h):         0.13/0.14           Normal Oil Temperature (°C): </td <td></td> <td></td> <td>PF</td> <td>Max. Current (A)</td> <td>Prime (kVA/kW)</td> <td>) Standby (kVA/kW)</td>			PF	Max. Current (A)	Prime (kVA/kW)	) Standby (kVA/kW)
380/220         50         3         0.8         1015         610/488         668/535           Engine Technical Data         Model:         2806C-E18TAG1A         Max. Power (kW):         565           Induction System:         Turbo-charged         Displacement (L):         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145×183           Number of Cylinders:         6         Compression Ratio:         14.5:1           Governor Type:         Electronic         Speed (RPM):         1500           Air System         Electronic         Speed (RPM):         1500           Combustion Air Flow (M <sup>3</sup> /min):         Prime: 40         Standby: 41            Exhaust System         110/115         Max. Back Pressure (kPa):         6.9           Exhaust Gas Temperature (°C):         ≤565         Exhaust Outlet Size (mm):         219           Lubrication System         113         Recommended Oil.         0.13/0.14           Normal Oil Temperature (°C):         61         Max. Coolant Temperature (°C):         103           Thermostat Operation Range (°C):         88-98         Radiator Fan Drive Type:         Shaft Drive	415/240 50	3	0.8	929	610/488	668/535
Engine Technical DataModel:2806C-E18TAG1AMax. Power (kW):565Induction System:Turbo-chargedDisplacement (L):18.13Cylinder Arrangement:In Line, Four CycleBore (mm) × Stroke (mm):145×183Number of Cylinders:6Compression Ratio:14.5:1Governor Type:ElectronicSpeed (RPM):1500Air SystemCombustion Air Flow (M <sup>3</sup> /min):Prime: 40Standby: 41Exhaust SystemCombustion Gas Flow (M <sup>3</sup> /min):110/115Max. Back Pressure (kPa):6.9Exhaust System219Lubrication System219Lubrication System219Lubrication System0.13/0.14Total Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	400/230 50	3	0.8	966	610/488	668/535
Model:         2806C-E18TAG1A         Max. Power (kW):         565           Induction System:         Turbo-charged         Displacement (L):         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145×183           Number of Cylinders:         6         Compression Ratio:         14.5:1           Governor Type:         Electronic         Speed (RPM):         1500           Air System              Combustion Air Flow (M <sup>3</sup> /min):         Prime: 40         Standby: 41            Exhaust System               Combustion Gas Flow (M <sup>3</sup> /min):         Prime: 40         Standby: 41             Exhaust System                Combustion Gas Flow (M <sup>3</sup> /min):         110/115         Max. Back Pressure (kPa):         6.9            Exhaust Gas Temperature (°C):         <565	380/220 50	3	0.8	1015	610/488	668/535
Induction System:         Turbo-charged         Displacement (L):         18.13           Cylinder Arrangement:         In Line, Four Cycle         Bore (mm) × Stroke (mm):         145×183           Number of Cylinders:         6         Compression Ratio:         14.5:1           Governor Type:         Electronic         Speed (RPM):         1500           Air System          Speed (RPM):         1500           Air System          Standby: 41            Exhaust System          Standby: 41            Combustion Air Flow (M <sup>3</sup> /min):         Prime: 40         Standby: 41            Exhaust System          6.9             Combustion Gas Flow (M <sup>3</sup> /min):         110/115         Max. Back Pressure (kPa):         6.9            Exhaust Gas Temperature (°C):         ≤565         Exhaust Outlet Size (mm):         219            Lubrication System           Oil Consumption 100% Load (L/h):         0.13/0.14           Normal Oil Temperature (°C):         113         Recommended Oil:         API CF-4 15W/40           Cooling System Capacity (L):         61         Max. Coolant Temperature (°C):         103           Thermostat Operati	Engine Technical Data					
Cylinder Arrangement:In Line, Four CycleBore (mm) × Stroke (mm):145×183Number of Cylinders:6Compression Ratio:14.5:1Governor Type:ElectronicSpeed (RPM):1500Air SystemPrime: 40Standby: 41Exhaust SystemCombustion Air Flow (M <sup>3</sup> /min):Prime: 40Standby: 41Exhaust SystemCombustion Gas Flow (M <sup>3</sup> /min):110/115Max. Back Pressure (kPa):6.9Exhaust Gas Temperature (°C):≤565Exhaust Outlet Size (mm):219Lubrication System </td <td>Model:</td> <td>280</td> <td>6C-E18TAG1A</td> <td>Max. Power (</td> <td>kW):</td> <td>565</td>	Model:	280	6C-E18TAG1A	Max. Power (	kW):	565
Number of Cylinders:6Compression Ratio:14.5:1Governor Type:ElectronicSpeed (RPM):1500Air SystemCombustion Air Flow (M³/min):Prime: 40Standby: 41Exhaust SystemCombustion Gas Flow (M³/min):110/115Max. Back Pressure (kPa):6.9Exhaust Gas Temperature (°C):≤565Exhaust Outlet Size (mm):219Lubrication SystemTotal Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	Induction System:	Turk	o-charged	Displacemen	t (L):	18.13
Governor Type:ElectronicSpeed (RPM):1500Air SystemPrime: 40Standby: 41Exhaust SystemPrime: 40Standby: 41Exhaust System565Exhaust Outlet Size (mm):6.9Combustion Gas Flow (M³/min):110/115Max. Back Pressure (kPa):6.9Exhaust Gas Temperature (℃):≤565Exhaust Outlet Size (mm):219Lubrication SystemUUUTotal Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (℃):113Recommended Oil:API CF-4 15W/40Cooling SystemCapacity (L):61Max. Coolant Temperature (℃):103Thermostat Operation Range (℃):88-98Rediator Fan Drive Type:Shaft Drive	Cylinder Arrangement:	In Li	ne, Four Cycle	Bore (mm) ×	Stroke (mm):	145×183
Air System       Prime: 40       Standby: 41         Exhaust System       110/115       Max. Back Pressure (kPa):       6.9         Combustion Gas Flow (M <sup>3</sup> /min):       110/115       Max. Back Pressure (kPa):       6.9         Exhaust Gas Temperature (°C):       ≤565       Exhaust Outlet Size (mm):       219         Lubrication System       0.13/0.14         Total Oil Capacity (L):       62       Oil Consumption 100% Load (L/h):       0.13/0.14         Normal Oil Temperature (°C):       113       Recommended Oil:       API CF-4 15W/40         Cooling System       Capacity (L):       61       Max. Coolant Temperature (°C):       103         Thermostat Operation Range (°C):       88-98       Radiator Fan Drive Type:       Shaft Drive	Number of Cylinders:	6		Compression	Ratio:	14.5:1
Combustion Air Flow (M³/min):Prime: 40Standby: 41Exhaust SystemCombustion Gas Flow (M³/min):110/115Max. Back Pressure (kPa):6.9Exhaust Gas Temperature (°C):≤565Exhaust Outlet Size (mm):219Lubrication SystemTotal Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling System61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	Governor Type:	Elec	tronic	Speed (RPM	):	1500
Exhaust SystemCombustion Gas Flow (M³/min):110/115Max. Back Pressure (kPa):6.9Exhaust Gas Temperature (°C):≤565Exhaust Outlet Size (mm):219Lubrication SystemTotal Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	Air System					
Combustion Gas Flow ( $M^3$ /min):110/115Max. Back Pressure (kPa):6.9Exhaust Gas Temperature (°C): $\leq 565$ Exhaust Outlet Size (mm):219Lubrication SystemTotal Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	Combustion Air Flow (M <sup>3</sup> /min)	: Prin	ne: 40	Standby: 41		
Combustion Gas Flow ( $M^3$ /min):110/115Max. Back Pressure (kPa):6.9Exhaust Gas Temperature (°C): $\leq 565$ Exhaust Outlet Size (mm):219Lubrication SystemTotal Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	Exhaust System					
Exhaust Gas Temperature (°C):≤565Exhaust Outlet Size (mm):219Lubrication SystemTotal Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	·	); 110/	115	Max. Back Pressur	e (kPa):	6.9
Total Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	```	,	5	Exhaust Outlet Size	e (mm):	219
Total Oil Capacity (L):62Oil Consumption 100% Load (L/h):0.13/0.14Normal Oil Temperature (°C):113Recommended Oil:API CF-4 15W/40Cooling SystemCooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	Lubrication System					
Normal Oil Temperature (°C):       113       Recommended Oil:       API CF-4 15W/40         Cooling System       Cooling System Capacity (L):       61       Max. Coolant Temperature (°C):       103         Thermostat Operation Range (°C):       88-98       Radiator Fan Drive Type:       Shaft Drive	, and the second s	62		Oil Consumption 1	00% Load (L/h):	0.13/0.14
Cooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive		113		Recommended Oil	:	API CF-4 15W/40
Cooling System Capacity (L):61Max. Coolant Temperature (°C):103Thermostat Operation Range (°C):88-98Radiator Fan Drive Type:Shaft Drive	Cooling System					
Thermostat Operation Range (°C):     88-98     Radiator Fan Drive Type:     Shaft Drive		61		Max. Coolant Temp	perature (℃):	103
		(°C): 88-9	8	Radiator Fan Drive	Туре:	Shaft Drive
				Radiator Power (kV	V):	







KP600/KP660E Powered by Perkins Engines

Fuel System			
Fuel Injection Pump:	MEUI	Recommended Fuel:	BS2869:1998 Class A2 Diesel
Fuel Consumption 100% Load (L/h):	129	Fuel Consumption 110% Load (L/ h):	134

Engine Electrical System			
Voltage:	24Vdc		
Alternator Physical Data			
Model:	ECO40-1.5L/4A	Rated Power (kVA):	670
Phase:	3	No. of Bearings:	1
Excitation System:	Self-Excited and Brushless	AVR:	DER1
Connection:	3P 4W, Parallel Star	Insulation Class/Temp Rise:	H/H
Power Factor:	0.8	Wave form NEAM=TIF:	<40
Ingress Protection Rating:	IP23	Wave form IEC=THF:	<2%
Winding Pitch:	2/3	Voltage Regulation:	±1%
Cooling Air (M <sup>3</sup> /s):	0.9	Efficiency:	94.9%

Option	
Engine	Control Panel
<ul> <li>Jacket Water Heater</li> </ul>	Auto Control Panel
<ul> <li>Heavy Duty Air Filter</li> </ul>	Intelligent Remote Control Panel
□ Lube Oil Heater	Intelligent Paralleling Control Panel
o	Buzzer, Space Heater Control Panel

Alternator	ATS
Leroy Somer	ATS (G+M)
Marathon	□ ATS (G+G)
Cooltech	□ ATS (G+G+M)
D PMG	ATS Controller
Anti-condensation Heater	D

Accessory	Сапору
Hybrid Silencer	Soundproof (Container/Enclosure)
Residential Silencer	Trailer
Day Tank	Truck/Lighting Truck
□	Container Protected
D	·

Spare parts	
500h Spare Parts	2000h Spare Parts
1000h Spare Parts	3000h Spare Parts
1500h Spare Parts	·

## Warranty

The standard warranty period: One year after ex-works from factory or 1500 operation hours whichever occurs first.

Please refer to COOLTECH warranty manual for details.

Consumable parts (air filter, fuel filter, lube oil filter, fan belt), this warranty does not apply to malfunctions caused by damage, misuse, repair or service

by unauthorized person. Cooltech Global must authorize any and all warranty repairs prior to commencement.

\* The model name and output rating figures are base on 400V and may have a 2% deviation \* Specifications subject to change without prior notice





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