
STANDARD CONTROLLER

Controller type: ComAp IntelliLite AMF 25

Easy to operate, intuitive graphical interface

Real time clock with battery supply

Stan-by and Prime power applications, AMF function available

Flexible event based history with up to 350 events

3 Phase generator current measurement

Generator and Mains phase voltage measurement

Active/reactive power measurement

Active and reactive energy counter

Running hours counter, multipurpose flexible timers

Battery charging alternator circuit connection

Comprehensive gen-set protections

Wide range of communication capabilities including :

- CAN and USB on board
- Internet access using Ethernet, GPRS or 4G module
- Support for Modbus and SNMP protocols

Cloud-based monitoring and control via WebSupervisor

Active SMS or e-mails (module required)

Geofencing and tracking via WebSupervisor

Operating temperature -20 + 70°C

IP65 operator interface protection



ENGINE

Brand	Mitsubishi
Type	S4L2-61SD
Made in	India
Engine power [kW]	13,7
Emission standard*	non-emission
Rotation per minute [rpm]	1500
Engine governor	mechanical
Governor class**	G1
Displacement [l]	1,8
No of cylinder	4
Fuel system	
Electrical system [V]	12
Cooling system capacity [l]	2,5
Oil pan capacity [l]	6,0
Fuel type	Diesel (EN 590)

ALTERNATOR

Nominal Voltage [V]	400
Nominal power factor (cos phi)	0,8
Ambient temperature, altitude	40 °C, 1000m a.m.s.l.
Nominal Power [kVA]	15,0
IP protection	IP 23
No of bearing	single bearing
Coupling	direct
Technology	brushless
Short circuit maintaining capacity	270% 10s
Efficiency [%]	85,3
Insulation class	H
Total harmonic content THD [%]	<3,5
Reactance Xd'' [%]	8,44
Voltage regulator type	DVR, digital
Voltage measurement	3 phase
Voltage accuracy [%]	+/- 0,5
AVR supply system	auxiliary winding
Made in	EU

* According directive 97/68/WE non road mobile machinery engine emission.

** According PN-ISO 8528-5/2018

STANDARD EQUIPMENT

Mitsubishi S4L2-61SD engine	✓
Glow plugs	✓
Oil low pressure switch	✓
Engine high temperature switch	✓
Engine preheating with thermostat	✓
Engine oil Titan Cargo 15W40	✓
Coolant Fuchs Maintain Fricofin LL-50	✓
Coolant inlet outside of the canopy *	✓*
Coolant draining valve	✓
Starting batteries 75 Ah	✓
Battery charger	✓
GCB Schneider Z25/4	✓
GCB shunt release coil	✓
Controller ComAp IL-AMF25	✓
Acoustic alarm	✓
Emergency stop button	✓
Silenced canopy made with Al.-Zn. *	✓*
Standard color 7024	✓
Fuel tank integrated with a frame with drip tray	✓
Welded frame with fuel tank	✓
Fuel inlet inside, protected by canopy locked doors *	✓
Fuel level measurement	✓
Engine and alternator vibro isolators	✓
Exhaust compensator and silencer	✓
Transportation brackets	✓

OPTIONAL EQUIPMENT

Oil pressure sensor	□
Engine temperature sensor	□
Oil draining hand pump	□
Battery disconnection switch	□
Power sockets box SOM 106 *	□
Transfer switch controlled by generator controller	□
Transfer switch with ATS controller	□
GPRS communication card	□
Ethernet card	□
RS 485, RS 232 card	□
Remote display	□
Fuel inlet outside of the canopy with lock *	□
Drip space level sensor	□
Double wall fuel tank 560 l	□
External fuel tank 1 000 – 10 000 l	□
Fuel tank filling pump and shut-off valve	□

* Applies only for canopied version

INSTALLATION GUIDELINES

Power terminal	GCB terminal
Recommended cable for up to 30m power cable way	Flexible 5x6 mm ²
Recommended cable for do 30m generator heater supply	Flexible 3x2,5 mm ²
*For additional cable connection with FOGO ATS see ATS wiring diagram	
Exhaust pipe min diameter (max. 7 m, 4 bends)	48,3 mm
Exhaust pipe min diameter (max. 15 m, 4 bends)	48,3 mm

MAINTENANCE GUIDELINES

Fuel filters replacement	250 h / 1 year
Oil replacement	After first 50h, then every 250 h / 1 year
Oil filters replacement	After first 50h, then every 250 h / 1 year
Coolant replacement	1000 h / 2 years
Battery replacement	2 years
Electrical installation supervising	According to local requirements, at least once per year

WARRANTY

Continuous operation generators	12 months up to 1000 working hours
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