The new Twin Power series offers flexibility and performance like never before. With two gensets under one hood, it ensures backup and reliability twice. Two engines work in synchronization and back2back mode, which ensures a 24/7 power supply. The centralized control and monitoring system enables easy startup and commissioning. It provides savings in terms of total investment and operational costs to the customer.

3 Phase,50 Hz, PF 0.8

V	(ESP)		(PRP)		(A)
	kW	kVA	kW	kVA	
400 / 231	1320.0	1650	1200.00	1500	2382

备用额定值（ESP）适用于在可靠电源断电期间向变化的电力负载供电。
ESP符合ISO 8528-1。不允许过载。

主用功率（PRP）适用于在不受限制的时间内为变化的电力负载供电。PRP符合ISO 8528-1。在12小时的周期内允许1小时的10%过载能力。

	AD-TP 1650
Hz	50
	Diesel
	Hyundai DP222LC x2
	Aksa AK 6600 x2
	InteliGen NT
	AK98 - 1500TP

	Hyundai
	DP222LC
	12 cylinders - V type

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mm	128
mm	142
lt.	21.927
	15.0:1
rpm	1500
kW/HP	723/983
kW/HP	657/894
	1
	3000
	Electronic
	Dry Type
	Turbo Charged and Intercooled (Air to Air)
lt	40
˚C	120
	Diesel
	Direct
	WEIFU in-line "P" type
Vdc	24 Vdc
/Ah	2x143
A	45
	Water Cooled
	23
m³/min	108
kPa	5.9
˚C	502
kW	639
lt	104.2
m³/min	860

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Pa	125
100% lt/hr	161
75% lt/hr	119.1
50% lt/hr	79.3
	Aksa
	AK 6600
Hz	50
KVA	750
V	400
	3
	SX440
	1
	H
	IP23
	0.8
kg	1850
(m³/min)	62.1
	9000
mm	2050
mm	2551
lt	2000
	Comap
	InteliGen NT
	MODBUS

1. Start
2. Stop
3. Mode > OFF > MAN > AUT > TEST
4. Fault Reset
5. Mode < OFF < MAN < AUT < TEST
6. Horn Reset

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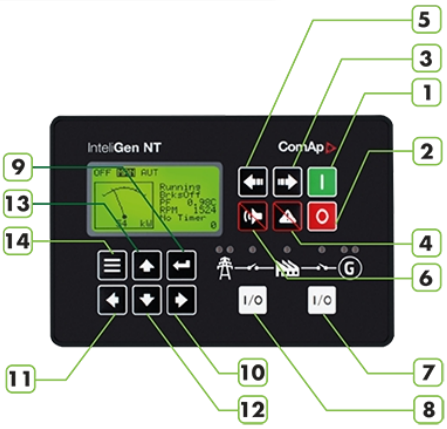

7. GCB control (Open/Close)
8. MCB control (Open/Close)
9. Enter
10. 5% Increase of edited setpoint`s value.
11. 5% decrease of edited setpoint`s value.
12. Decrease setpoint value.
13. Increase setpoint value.
14. Escape.

InteliGen NT Auto Mains Failure control module.
Static battery charger.
Emergency stop push button and fuses for control circuits.

195Vac to 264Vac input voltage range
45Hz to 440Hz input supply frequency range
Capability to work direct from 240Vdc to 365Vdc supply voltage
27.6Vdc factory set DC out-put terminal voltage (option up to 29.4Vdc)
5.0Adc continuous output current into load
Capability to work continuously into short-circuit
Parallel connection for higher output current rating and redundant operation
Series connection capability for higher output voltage requirements
No cooling fans are used for high operational reliability
Aluminum alloy case for robust handling and easy mounting

Components installed in a sheet steel enclosure.
Phosphate chemical, pre-coating of steel provides corrosion resistant surface.
Polyester composite powder topcoat forms high gloss and an extremely durable finish.
Lockable hinged panel door provides for easy component access.

Control panel is mounted generating set baseframe on robust steel stand or power module. Located at the side of generating set with proper panel visibility.

- High oil temperature - Shutdown

- Low fuel level - Shutdown
- Low fuel level - Alarm
- High fuel level - Alarm
- Customizable load control in parallel with the network
- Wide range of ECU support
- Highly configurable
- Timers, Internal PLC, Force values and more are compatible with ComAp's InteliVision displays
- Active e-mail messaging and SMS with communication modüle

EN 60068-2-6 ed.2:2008
EN 60068-2-27 ed.2:2010
EN 60068-2-30:2005
25/55°C, RH 95%, 48hours
EN 60068-2-64
EN 61010-1:2003

EBC 2405M is designed and optimized for charging all types of Lead Acid batteries (including jell type sealed Lead Acid batteries), protecting the battery and extending its useful lifetime EBC 2405M can deliver a continuous charging current of 5A into 24V battery system (voltage is set to 27.6Vdc, with an option of up to 29.4Vdc) These battery chargers are designed with performance in mind and special care is taken for protecting and extending the lifetime of the battery.

EBC 2405M is designed with “Switched Mode” technology, where the switching transistor has only two states, ON or OFF, which increases the overall efficiency, hence reducing the excess heat dissipation and in return, increasing the device lifetime and reliability.

The control system is also designed in such a way that; battery is charged in three stages:

Constant current mode (protecting battery cells)

Constant voltage mode (reducing the charge current)

Float charge (compensation of internal self-discharge)

Constant current mode makes sure that; when the battery is drained down below its rated capacity, the high charge current flow into the battery is limited in order to protect the cells and reduce damage to the plates.

As the battery capacity is recovered, each cell voltage reaches up to 2.30Vdc to 2.45Vdc level, which means that the required charging current starts to reduce.

When the required battery terminal voltage is fully reached, the charger keeps supplying just enough current in order to compensate for the internal self-discharge (float charge). This ensures that the battery can maintain its high charge state and deliver its rated output current whenever required.

- Water cooled, Diesel engine
- Radiator with mechanical fan
- Protective grille for rotating and hot parts
- Electric starter and charge alternator

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- Starting battery (with lead acid) including rack and cables
- Automatic synchronising and power control system (Multi gen-set Parallel)
- Engine coolant heater
- Base frame design incorporates an integral fuel tank and anti-vibration isolators
- Flexible fuel connection hoses
- Single bearing, class H alternator
- Industrial exhaust silencer and steel bellows supplied separately(for open sets)
- Static battery charger
- Manual for application and installation

- Fuel-Water Seperator Filter
- Oil heater

- Anti-Condensation Heater
- Over sized alternator
- PMG excitation + AVR
- Main line circuit breaker

- Parallel system with mains
- Transition synchronization with mains
- Alarm output relays
- Earth fault, single set
- Parallel system with mains
- Remote relay output
- Remote communication with modem
- Charge Ammeter

- Three or four pole contactor
- Three or four pole motor operated circuit breaker

- Main Fuel Tank
- Automatic or manual fuel filling system
- Electrical or manual oil drain pump
- Low and high fuel level alarm
- Inlet and outlet motorized louvers
- Inlet and outlet acoustic baffles
- Tool kit for maintenance
- 1500/3000 hours maintenance kit
- Supplied with oil and coolant (-30°C)

- Residential Silencer
- Silencer Spark Arrester
- Critical Silencer
- Catalytic Convertor

- Galvanized Coating
- ISO Container
- Marine Grade Paint

Please contact to your reseller for additional Alternator, Control Panel and Breaker Switch options.

指令

- 2006/42/EC : Machinery Safety Directive
- 2014/30/EU : Electromagnetic Compatibility Directive
- 2014/35/EU : Low Voltage Directive

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标准

- TS ISO 8528-5:2022 / TS EN ISO 8528-13:2018 : Reciprocating internal combustion engine-driven alternating current generating sets- Part:13: Safety

Quality Management Systems
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
ISO 27001:2013
ISO 10002:2018

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