

## 33 kVA - 55 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N IV ST 0033	N IV ST 0050	N IV ST 0055	
GROUP	GEN-SET POWER	STAND BY	kVA	33	50	55	
			kW	26,4	40	44	
		PRIME	kVA	30	45	50	
			kW	24	36	40	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2450 x 1610
	CANOPY WEIGHT kg				920	970	970
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1400	1000 x 2050 x 1400	1000 x 2050 x 1400
	OPEN WEIGHT				725	775	775
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			80313AM1P	N45AM1A	N45AM2	
	POWER	STAND BY	kW	31	45,8	49,7	
		PRIME	kW	28,1	41,5	45	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			2,9	4,5	4,5	
	NUMBER OF CYLNDERS			3 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			115X104	104 x 132	104 x 132	
	COMPRESSION RATIO			17:1	17,5:1	17,5:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			NATURAL			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		7,05	11,3	11,6	
		%75 PRIME POWER		5,64	9,2	9,8	
		%50 PRIME POWER		3,76	6,4	6,2	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			8,8	12,8	12,8		
TOTAL COOLANT CAPACITY (lt)			14	18,5	18,5		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

## 33 kVA - 660 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N IV ST 0033	N IV ST 0050	N IV ST 0055	
GROUP	GEN-SET POWER	STAND BY	kVA	33	50	55	
			kW	26,4	40	44	
		PRIME	kVA	30	45	50	
			kW	24	36	40	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	1000 x 2450 x 1610	1000 x 2450 x 1610
	CANOPY WEIGHT kg				920	970	970
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1400	1000 x 2050 x 1400	1000 x 2050 x 1400
	OPEN WEIGHT				725	775	775
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			80313AM1P	N45AM1A	N45AM2	
	POWER	STAND BY	kW	31	45,8	49,7	
		PRIME	kW	28,1	41,5	45	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			2,9	4,5	4,5	
	NUMBER OF CYLNDERS			3 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			115X104	104 x 132	104 x 132	
	COMPRESSION RATIO			17:1	17,5:1	17,5:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			NATURAL			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		7,05	11,3	11,6	
		%75 PRIME POWER		5,64	9,2	9,8	
		%50 PRIME POWER		3,76	6,4	6,2	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			8,8	12,8	12,8		
TOTAL COOLANT CAPACITY (lt)			14	18,5	18,5		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

MODEL				N IV ST 0066	N IV ST 0082	N IV ST 0090	
GROUP	GEN-SET POWER	STAND BY	kVA	66	82	90	
			kW	52,8	65,6	72	
		PRIME	kVA	60	75	80	
			kW	48	60	64	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	N/A	1000 x 2880 x 1610
	CANOPY WEIGHT kg				1085	N/A	1230
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1400	N/A	1000 x 2400 x 1390
	OPEN WEIGHT				890	N/A	1010
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			N45SM1A	N45SM2A	NEF45SM3.S500	
	POWER	STAND BY	kW	58,8	66,1	81	
		PRIME	kW	53,3	72,7	73,3	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,5	4,5	4,5	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			104 x 132	104x132	104 x 132	
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			TURBOCHARGED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		13,7	17,1	19,4	
		%75 PRIME POWER		10,2	12,7	15,4	
		%50 PRIME POWER		7	8,6	9,6	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			12,8	12,8	12,8		
TOTAL COOLANT CAPACITY (lt)			18,5	18,5	18,5		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

MODEL				N IV ST 0112	N IV ST 0143	N IV ST 0176
GROUP	GEN-SET POWER	STAND BY	kVA	112	143	176
			kW	89,6	114,4	140,8
		PRIME	kVA	101,4	130	160
			kW	81,12	104	128
	CANOPY DIMENSION (W x L x H) mm			1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3180 x 1870
	CANOPY WEIGHT kg			1350	1750	1750
	OPEN DIMENSION (W x L x H) mm			1000 x 2400 x 1390	1050 x 2700 x 1650	1050 x 2700 x 1650
	OPEN WEIGHT			1130	1505	1505
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO
	TYPE			N45TM2A	N67TM2A	N67TM3A
	POWER	STAND BY	kW	96,2	126	152
		PRIME	kW	87,5	114,2	137,7
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			4,5	6,7	6,7
	NUMBER OF CYLNDERS			4 IN LINE	6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			104 x 132	104 x 132	104 x 132
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1
	GOVERNOR TYPE			MECHANIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		22	29,3	36
		%75 PRIME POWER		16,2	24,1	29
		%50 PRIME POWER		11	15,8	18
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			12,8	17,2	17,2	
TOTAL COOLANT CAPACITY (lt)			18,5	25,5	25,5	
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A	

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

MODEL				N IV ST 0220	N IV ST 0275	N IV ST 0332	
GROUP	GEN-SET POWER	STAND BY	kVA	220	275	332	
			kW	176	220	265,6	
		PRIME	kVA	200	250	305	
			kW	160	200	244	
	CANOPY DIMENSION (W x L x H) mm				1050 x 3580 x 1870	N/A	1150 x 3820 x 2460
	CANOPY WEIGHT kg				1940	N/A	2670
	OPEN DIMENSION (W x L x H) mm				1050 x 3100 x 1650	N/A	1150 x 3340 x 1900
	OPEN WEIGHT				1680	N/A	2370
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			N67TM7	N67TE8W	C87TE4	
	POWER	STAND BY	kW	195	214,9	299	
		PRIME	kW	177	236,5	275	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			6,73	6,7	8,7	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			104 x 132	104x132	117 x 135	
	COMPRESSION RATIO			17,5	17:1	15,9:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		41,2	51,5	66,6	
		%75 PRIME POWER		33,3	41,2	52,6	
		%50 PRIME POWER		14,7	26,2	37,3	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			17,2	17,2	28		
TOTAL COOLANT CAPACITY (lt)			30,5	30,5	58		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.



MODEL				N IV ST 0385	N IV ST 0440	N IV ST 0495	
GROUP	GEN-SET POWER	STAND BY	kVA	385	440	495	
			kW	308	352	396	
		PRIME	kVA	350	400	450	
			kW	280	320	360	
	CANOPY DIMENSION (W x L x H) mm				1500 x 4400 x 2660	1500 x 4400 x 2660	1500 x 4400 x 2660
	CANOPY WEIGHT kg				3520	3610	3815
	OPEN DIMENSION (W x L x H) mm				1500 x 3600 x 2200	1500 x 3600 x 2200	1500 x 3600 x 2200
	OPEN WEIGHT				3010	3105	3310
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			C13TE2A	C13TE3A	C13TE6	
	POWER	STAND BY	kW	330	387	414	
		PRIME	kW	300	352	371	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			12,88	12,88	12,88	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			135 x 150	135 x 150	135 x 150	
	COMPRESSION RATIO			16,5:1	16,5:1	16,5:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		70	85,8	89,9	
		%75 PRIME POWER		57,3	70,4	72,5	
		%50 PRIME POWER		38,8	42,8	51,8	
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			35	35	32	
TOTAL COOLANT CAPACITY (lt)			67	68	38,1		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.



MODEL				N IV ST 0550	N IV ST 0660
GROUP	GEN-SET POWER	STAND BY	kVA	550	660
			kW	440	528
		PRIME	kVA	500	600
			kW	400	480
	CANOPY DIMENSION (W x L x H) mm			N/A	1700 x 4400 x 2750
	CANOPY WEIGHT kg			N/A	4620
	OPEN DIMENSION (W x L x H) mm			N/A	1700 x 3600 x 2250
	OPEN WEIGHT			N/A	4070
ENGINE	BRAND			FPT IVECO	FPT IVECO
	TYPE			C13TE7	C16TE1W
	POWER	STAND BY	kW	459	557
		PRIME	kW	525	505
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			12,9	15,9
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			135X150	141 x 170
	COMPRESSION RATIO			16,5	15,9:1
	GOVERNOR TYPE			ELECTRONIC - COMMON RAIL	ELECTRONIC
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED	
	COMBUSTION SYSTEM			DIRECT INJECTION	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		100,6	99
		%75 PRIME POWER		80,2	74,3
		%50 PRIME POWER		51,5	50,3
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			32	38	
TOTAL COOLANT CAPACITY (lt)			38,1	52,5	
FUEL TANK CAPACITY (lt)			N/A	N/A	

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

## 66 kVA - 90 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N IV ST 0066	N IV ST 0082	N IV ST 0090	
GROUP	GEN-SET POWER	STAND BY	kVA	66	82	90	
			kW	52,8	65,6	72	
		PRIME	kVA	60	75	80	
			kW	48	60	64	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2450 x 1610	N/A	1000 x 2880 x 1610
	CANOPY WEIGHT kg				1085	N/A	1230
	OPEN DIMENSION (W x L x H) mm				1000 x 2050 x 1400	N/A	1000 x 2400 x 1390
	OPEN WEIGHT				890	N/A	1010
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			N45SM1A	N45SM2A	NEF45SM3.S500	
	POWER	STAND BY	kW	58,8	66,1	81	
		PRIME	kW	53,3	72,7	73,3	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,5	4,5	4,5	
	NUMBER OF CYLNDERS			4 IN LINE	4 IN LINE	4 IN LINE	
	BORE x STROKE (mm x mm)			104 x 132	104x132	104 x 132	
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			TURBOCHARGED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		13,7	17,1	19,4	
		%75 PRIME POWER		10,2	12,7	15,4	
		%50 PRIME POWER		7	8,6	9,6	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			12,8	12,8	12,8		
TOTAL COOLANT CAPACITY (lt)			18,5	18,5	18,5		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

## 112 kVA - 176 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N IV ST 0112	N IV ST 0143	N IV ST 0176	
GROUP	GEN-SET POWER	STAND BY	kVA	112	143	176	
			kW	89,6	114,4	140,8	
		PRIME	kVA	101,4	130	160	
			kW	81,12	104	128	
	CANOPY DIMENSION (W x L x H) mm				1000 x 2880 x 1610	1050 x 3180 x 1870	1050 x 3180 x 1870
	CANOPY WEIGHT kg				1350	1750	1750
	OPEN DIMENSION (W x L x H) mm				1000 x 2400 x 1390	1050 x 2700 x 1650	1050 x 2700 x 1650
	OPEN WEIGHT				1130	1505	1505
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			N45TM2A	N67TM2A	N67TM3A	
	POWER	STAND BY	kW	96,2	126	152	
		PRIME	kW	87,5	114,2	137,7	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			4,5	6,7	6,7	
	NUMBER OF CYLNDERS			4 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			104 x 132	104 x 132	104 x 132	
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		22	29,3	36	
		%75 PRIME POWER		16,2	24,1	29	
		%50 PRIME POWER		11	15,8	18	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			12,8	17,2	17,2		
TOTAL COOLANT CAPACITY (lt)			18,5	25,5	25,5		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

## 220 kVA - 332 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N IV ST 0220	N IV ST 0275	N IV ST 0332	
GROUP	GEN-SET POWER	STAND BY	kVA	220	275	332	
			kW	176	220	265,6	
		PRIME	kVA	200	250	305	
			kW	160	200	244	
	CANOPY DIMENSION (W x L x H) mm				1050 x 3580 x 1870	N/A	1150 x 3820 x 2460
	CANOPY WEIGHT kg				1940	N/A	2670
	OPEN DIMENSION (W x L x H) mm				1050 x 3100 x 1650	N/A	1150 x 3340 x 1900
	OPEN WEIGHT				1680	N/A	2370
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			N67TM7	N67TE8W	C87TE4	
	POWER	STAND BY	kW	195	214,9	299	
		PRIME	kW	177	236,5	275	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			6,73	6,7	8,7	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			104 x 132	104x132	117 x 135	
	COMPRESSION RATIO			17,5	17:1	15,9:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		41,2	51,5	66,6	
		%75 PRIME POWER		33,3	41,2	52,6	
		%50 PRIME POWER		14,7	26,2	37,3	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			17,2	17,2	28		
TOTAL COOLANT CAPACITY (lt)			30,5	30,5	58		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

## 385 kVA - 495 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender



MODEL				N IV ST 0385	N IV ST 0440	N IV ST 0495	
GROUP	GEN-SET POWER	STAND BY	kVA	385	440	495	
			kW	308	352	396	
		PRIME	kVA	350	400	450	
			kW	280	320	360	
	CANOPY DIMENSION (W x L x H) mm				1500 x 4400 x 2660	1500 x 4400 x 2660	1500 x 4400 x 2660
	CANOPY WEIGHT kg				3520	3610	3815
	OPEN DIMENSION (W x L x H) mm				1500 x 3600 x 2200	1500 x 3600 x 2200	1500 x 3600 x 2200
	OPEN WEIGHT				3010	3105	3310
ENGINE	BRAND			FPT IVECO	FPT IVECO	FPT IVECO	
	TYPE			C13TE2A	C13TE3A	C13TE6	
	POWER	STAND BY	kW	330	387	414	
		PRIME	kW	300	352	371	
	SPEED (rpm)			1500	1500	1500	
	CYCLE			4	4	4	
	DISPLACEMENT (lt)			12,88	12,88	12,88	
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE	6 IN LINE	
	BORE x STROKE (mm x mm)			135 x 150	135 x 150	135 x 150	
	COMPRESSION RATIO			16,5:1	16,5:1	16,5:1	
	GOVERNOR TYPE			MECHANIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		70	85,8	89,9	
		%75 PRIME POWER		57,3	70,4	72,5	
		%50 PRIME POWER		38,8	42,8	51,8	
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			35	35	32		
TOTAL COOLANT CAPACITY (lt)			67	68	38,1		
FUEL TANK CAPACITY (lt)			N/A	N/A	N/A		

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.

## 550 kVA - 660 kVA

### ENGINE

- G-Drive Series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12 / 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine jacket water heater (In automatic models)
- Maintenance and operating instructions

### ALTERNATOR

- Brushless, single bearing
- H Class insulation type
- IP21-23 Protection class
- Self exciter
- Automatic voltage regulator
- 2/3 Pitch factor windings
- 4 Poles

### AUTOMATIC CONTROL PANEL

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

### QUALITY STANDARD DIRECTIVES

- 2006/42/EC (Machinery Directive)
- 2014/30/EC (EMC Directive)
- 2014/35/EC (Low Voltage Directive)
- 2000/14/EC (Noise Emission Directive)

### CANOPY / CONTAINER

- Modular type sound-proof canopy / container
- Easy installation type without welding canopy
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

### PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start / stop failure

### OPTIONAL EQUIPMENTS

- Charge ampmeter
- Circuit breakers (In automatic models)
- Residential / Critical type silencer
- Sound-proof canopy or container
- Mobile trailer and truck installation
- Synchronization panel for 2-32 gensets
- 3 pole / 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Anticondensation heater
- Fuel automation systems
- Different IP and Insulation class alternator
- PMG

### INTERNATIONAL QUALITY STANDARD

- EN12601, EN60204, EN12100, EN61000, EN55011
- TS ISO 8528, TS ISO 3744, TS ISO 3746, TS ISO 13857
- EN60034, EN55014, ISO 3046, BS5000, IEC 60034
- VDE 0530, BSE 4999, EN60335, IBC 2015:EC8 2004



Easy maintenance canopy design



Refilling from the outside of the canopy



Canopy made of galvanized steel



Warning system for decreasing fuel with electronic fuel level sender

MODEL				N IV ST 0550	N IV ST 0660
GROUP	GEN-SET POWER	STAND BY	kVA	550	660
			kW	440	528
		PRIME	kVA	500	600
			kW	400	480
	CANOPY DIMENSION (W x L x H) mm			N/A	1700 x 4400 x 2750
	CANOPY WEIGHT kg			N/A	4620
	OPEN DIMENSION (W x L x H) mm			N/A	1700 x 3600 x 2250
	OPEN WEIGHT			N/A	4070
ENGINE	BRAND			FPT IVECO	FPT IVECO
	TYPE			C13TE7	C16TE1W
	POWER	STAND BY	kW	459	557
		PRIME	kW	525	505
	SPEED (rpm)			1500	1500
	CYCLE			4	4
	DISPLACEMENT (lt)			12,9	15,9
	NUMBER OF CYLNDERS			6 IN LINE	6 IN LINE
	BORE x STROKE (mm x mm)			135X150	141 x 170
	COMPRESSION RATIO			16,5	15,9:1
	GOVERNOR TYPE			ELECTRONIC - COMMON RAIL	ELECTRONIC
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED	
	COMBUSTION SYSTEM			DIRECT INJECTION	
	COOLING SYSTEM			WATER	
	FUEL CONSUMPTION lt / h	%100 PRIME POWER		100,6	99
		%75 PRIME POWER		80,2	74,3
		%50 PRIME POWER		51,5	50,3
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			32	38	
TOTAL COOLANT CAPACITY (lt)			38,1	52,5	
FUEL TANK CAPACITY (lt)			N/A	N/A	

Npower reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice. All rights reserved.