

# IDI-Series

Industrial grade based on Iveco/Fiat (Italy)  
diesel engines & Sincro (Italy) brushless alternators

## MULTILINE

GENERATING SET	IDI - 100	IDI - 200	IDI - 250	IDI - 300	IDI - 350	IDI - 400
STAND BY POWER	100 kVA	200 kVA	250 kVA	300 kVA	350 kVA	400 kVA
PRIME POWER	110 kVA	220 kVA	275 kVA	330 kVA	375 kVA	440 kVA
VOLTAGE Volt	230 V	230 V	230 V	230 V	230 V	230 V
FREQUENCY Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
PHASES	THREE	THREE	THREE	THREE	THREE	THREE
<b>ENGINE</b>						
MODEL	IVECO /FIAT (ITALY)					
TYPE	NEF45TMZA	NEF6TEZA	CURS0R78TEZ	CURS0R10TE1	CURS0R13TE2	CURS0R13TE3
FUEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL	DIESEL
NUMBER AND DISPOSITION OF CYLINDERS	4 IN-LINE	6 IN-LINE	6 IN-LINE	6 IN-LINE	6 IN-LINE	6 IN-LINE
DISPLACEMENT cc	4500cc	5900cc	7800cc	10300cc	12900cc	12900cc
ASPIRATION	INTI/TURBO	INTI/TURBO	INTI/TURBO	INTI/TURBO	INTI/TURBO	INTI/TURBO
COOLING SYSTEM	WATER	WATER	WATER	WATER	WATER	WATER
STARTING SYSTEM	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC
SPEED rpm	1500 rpm	1500 rpm	1500 rpm	1500 rpm	1500 rpm	1500 rpm
SPEED GOVERNOR	MECHANICAL	MECHANICAL	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
STAND BY POWER ITP kW	96 kW	193 kW	236 kW	286 kW	335 kW	387 kW
PRIME POWER PRP kW	87 kW	175 kW	215 kW	260 kW	304 kW	352 kW
LUBE OIL CAPACITY (MAX) L	12.8 LTR	17 LTR	28 LTR	35 LTR	35 LTR	35 LTR
COOLANT CAPACITY (MAX) L	18.5 LTR	44 LTR	55 LTR	63 LTR	67 LTR	67 LTR
FUEL CONSUMPTION at 50% PRP L/h	11 L/h	20 L/h	26 L/h	NA	38.8 L/h	41.9 L/h
FUEL CONSUMPTION at 80% PRP L/h	16 L/h	33 L/h	40 L/h	NA	57.3 L/h	63.8 L/h
ELECTRICAL CIRCUIT Volt	12 VOLTS	12 VOLTS	12 VOLTS	12 VOLTS	12 VOLTS	12 VOLTS
<b>ALTERNATOR</b>						
MODEL	SINCRO (ITALY)					
TYPE	IB4LA	SK150MM	SK250LS	SK300LL	SK350SS	SK400SM
POLES	4	4	4	4	4	4
STAND BY 163/27°C rating - ITP kVA	-	-	-	-	-	-
EFFICIENCY at 75% load	> 90%	> 90%	> 90%	> 90%	> 90%	> 90%
VOLTAGE REGULATION SYSTEM	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
<b>SAFETIES</b>						
Model	DEEPEA (UK)	DEEPEA (UK)	DEEPEA (UK)	DEEPEA (UK)	DEEPEA (UK)	DEEPEA (UK)
TYPE	701	701	701	701	701	701
LOW OIL PRESSURE	YES	YES	YES	YES	YES	YES
LOW RPM	YES	YES	YES	YES	YES	YES
OVER RPM	YES	YES	YES	YES	YES	YES
HIGH COOLANT TEMPERATURE	YES	YES	YES	YES	YES	YES