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HYBRID BOX

48V DC – VARIABLE SPEED ENGINE



STANDARD EQUIPMENT

- Lower CO₂
- Lower fuel consumption
- No acoustic pollution*
- Suitable for indoor use*
- Long engine maintenance intervals
- High fuel autonomy
- Instant light
- Low low voltage (48 V) for improved safety
- Vegetable Biodegradable hydraulic oil
- Performance optimized with
- Variable Speed System

*in battery mode



LOW LOW VOLTAGE (48V DC)
FOR MORE SAFETY



460/ 1000/ 1200 W TOTAL



LITHIUM BATTERIES



LONG RUNNING TIME WITH BATTERY ONLY



UP TO 9m MAST HEIGHT



LONG LIFE LEDS



ZERO NOISE*



REMOTE MONITORING (OPTION)



PERMANENT MAGNET TECHNOLOGY



VARIABLE SPEED **SYSTEM VS** FOR PERFORMANCE OPTIMIZED

HYBRID BOX-VS



Hybrid HB Led Lighting Towers are equipped in Variable Speed System VS for better performance

HL SERIES – LED HYBRID SOLUTIONS HB -VS

MODEL	NUMBER OF HEADS	W PER LAMP	TOTAL W	CURRENT VOLTAGE V	Output power (kWm)	Governor	r.p.m.	Engine	System VS	cm3	Fuel consumption* l/h	Aspiration	Tank l	Dimensions (cm)			Maximum size			Weight (kg)	STANDARD PANEL
														L	W	H	L	W	H		
HYBRID BOX																					
HB 9004 YM-VS	4	115 W	460 W	48V DC	6,0 @2000 rpm	E	variable	27NV70		570	0.07	N	150	130	110	243	207	162	900	1000	AUS 6110
HB 9004 YM-VS	4	250 W	1000 W	48V DC	6,0 @2000 rpm	E	variable	27NV70		570	0.15	N	150	130	110	243	207	162	900	1000	AUS 6110
HB 9004 YM-VS	4	300 W	1200 W	48V DC	6,0 @2000 rpm	E	variable	27NV70		570	0.18	N	150	130	110	243	207	162	900	1000	AUS 6110

STANDARD EQUIPMENT

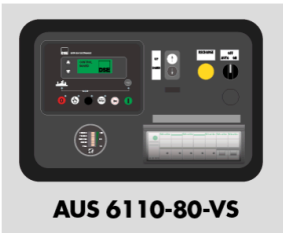
- 4 x 115W led projectors (total power 460W)

Or 4 x 250W led projectors (total power 1000W)
Or 4 x 300W led projectors (total power 1200W)

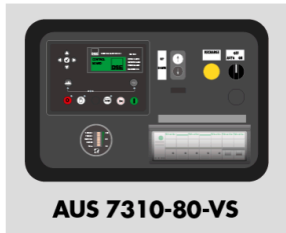
- galvanised steel hydraulic mast
- deployment time: 15 seconds
- mast extendible up to 9 m
- 350° mast rotation with brake
- galvanised steel soundproofing canopy
- liquids bunding
- oil extraction pump
- 4 adjustable stabilizers
- 2 battery isolators switches
- remote monitoring (available as optional)
- noise level: 63 dB(A) @ 7 m
- up to 20 lighting towers on a eu truck

LITHIUM BATTERY	Unit	BATTERY OPTION
Battery Voltage	V DC	48V DC
Model		PI048 -111 RK1
Brand		
Manufacturing Country		Italy
Lithium cell chemistry		LINMC
Quantity	n	1
Nominal capacity	Ah	111
Nominal energy	kWh	5,3
Weight	kg	58
Charging time with floodlights on		2,30' with total power 460 W
		3,00' with total power 1000 W
		3,30' with total power 1200 W
Round trip efficiency	%	>98
Life cycle		>5000 cycles - @ 80% DOD

> CONTROL PANEL



> OPTIONAL CONTROL PANEL



TECNOGEN S.p.A.
 Strada per Ponte Riglio, 25
 29010 Pontenure (Piacenza) Italy
 P.IVA/CF 01126350337

ITALY SALES DEPARTMENT
 Tel: +39 0523 512401
 Fax: +39 0523 504453
 E mail: italy@tecnogen.com

EXPORT DEPARTMENT
 Tel: +39 0523 512440 Fax: +39 0523 504453
 E mail: export@tecnogen.com