



Weldlight



Ajashy Weldlight is a hybrid equipment with lighting mast fitted with DC welding inverter and powered with diesel power generating system. The welding and auxiliary output is available at systematically designed panel. A change over switch facilitates the lighting mast and welding operations to cease and the complete unit can be used as a conventional diesel power generator. The system is mounted on a sturdy trolley. Weldlight can be towed on roads and ROWs and can withstand high wind speeds while deployed.

Optionals

- Lighting Mast with multiple options of LED flood lights
- 6.5 m / 9.0 m mast height options
- 15 Kva or 25 Kva output

Salient Features

- Hybrid 3-in-one system with Lighting Mast, Welding Generator and Diesel Power Generator options
- Efficient and high performance 4x120 Watt/ 200 Watt/ 250 Watt/ 350 Watt/ 400 Watt IP 66 LED lights with longer service life
- Compact and high performance 25.1 HP or 35.5 HP TMTL Engine
- CPCB - II compliant solid silent canopy
- Power points to tap power for auxiliary use
- Tyre mounted chassis with leaf springs and towing hook.
- Multi-display control panel with safety features

Specifications

GENERAL DETAILS		
Product	Weldlight	Weldlight Super
Lighting System	4 Nos. x 120 W/ 200 W / 250 W/ 350 W/ 400 W LED Flood Lights with IP 66 Enclosure	
Welding Source	1 Nos. 400 amps DC Inverter Based	
DIESEL ENGINE		
Make	TMTL	
Model	322 ES	422 ES
Power	25.1 BHP	35.5 BHP
Rated RPM	1500	
Engine Type	Air Cooled	
No. of Cylinders	Two	Three
Battery Voltage	12 VDC/ 35 AH	
Oil Sump Capacity	8 L	9.5 L
Oil Change Period	500 Hours	
Oil Grade & Specifications	CI 15 W 40 (Rakshak Genset Oil)	
Fuel Tank Capacity	100 L	100 L
ALTERNATOR		
Make	Leroy Somer / Stamford / Crompton Greaves	
Output Power	15 KVA	25 KVA
Phase	3	3
Frequency	50 Hz	
Rating Voltage (V)	415 V	
Insulation	Class H	
BODY		
Operational Dimensions	3400 x 1900 x 6500/9000 mm ³	3650 x 1900 x 6500/9000 mm ³
Transportation Dimensions	3400 x 1500 x 2185 mm ³	3650 x 1500 x 2185 mm ³
Canopy Type	Silent CPCB - II Compliant	
Noise Levels	73dB (A) at 1 m distance	
Lifting Hook	Available	
No of Outriggers	4 (Collapsible) + 1 Foldable	
Suspension	Leaf spring Axle 2 Ton	
No of Tyres	2 (203/65/R15)	
MAST		
Type	Iron Multiple section with interlock	
Extended Height	6.5 m / 9 m	
Stowed Height	2.25 m	
Extension	Manual through winch	
Rotation	350 degree	
Wind Speed Stability	110km/h	
FEATURES		
Individual light control switches		
Change over switch between lighting mast cum welding operations and diesel generator application		
Display for Frequency, Battery Voltage, RPM, Oil Pressure, Fuel Level, Running Hours, Alternator Voltage		
Auto engine shut down in case of Auxillary power output		
Low oil pressure indicator/ Engine trip on low oil pressure		
High engine temperature indicator/Engine trip on high engine temperature		
Fan belt indicator		
Emergency stop button		
Transportation reflector		

Warranty

All products are guaranteed against defects due to faulty workmanship or materials for twelve months from the date of purchase. This guarantee is limited to the repair or replacement of any parts found to be defective, and no other liability—expressed, implied, or contingent—is assumed.

Disclaimer

These specifications are general guidelines for product selection and can be changed for your specific requirement. Specifications are provided for convenience of reference only and may vary upon manufacturing of individual product.



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