

3. Specification of alternator

Alternator brand	SHANHUA (Shandong Huali Electromechanical Co., Ltd)
Alternator model	HLF-200
Number of Phase	3
Connecting Type	3 Phase and 4 Wiew
Number of Bearing	1
Protection Grade	IP21
Altitude	≤1000m
Exciter Type	Brushless, Self-exciting, AVR automatic voltage regulating, 100% Copper winding wire
Insulation Class	H
Telephone Influence Factor TM	≤50
THF	≤2%
Voltage Regulation, Steady State	≤±1%
Transient State Voltage	≤-15% ~ +20%

4. Control System (with ComAp MRS10 Controller)

Operating temperature : -20°C~60°C

Relative Humidity : 95%

Operating voltage : DC24V (range : 18-30V, pressure :50V/5 mm)

General functions and features of ComAp MRS10 Controller

Control screen is small, reliable performance, simple operation, the internal circuits clear, easy detection. With automatic detection and protection features protect the engine safe and stable operation. Multi interface display unit work and alarm state, intuitively clear, LCD displays the parameters of diesel engines. Microcomputer can be set on the control panel input, output alarm, delay and other parameters. Maintenance, manual, automatic and other modes of operation. No non-normal electricity supply automatic starting, generator fault protection off, to provide historical state records. Generator low oil pressure, high temperature, emergency stop, battery over / under voltage, over current / short circuit protection function.

Decription For ComAp MRS10

Standard functions :

Engine Control

Generator Monitoring

Generator Protection

Shutdown :

Loss of Speed Signal

Alternator Under / Over Voltage

Alternator Under / Over Frequency

Mains Under / Over Voltage

Mains Under / Over Frequency

Under / Over Speed

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!