

# **NOMAD 65**

## **Standard Specifications**

### **&**

## **Optional Features**

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## MAIN CHARACTERISTICS

### DIMENSIONS

	<b>Feet-In</b>	<b>Meters</b>
<b>Length Overall</b>	65' – 9"	20.04
<b>Length Water Line</b>	57' – 8"	17.58
<b>Draft</b>	5' – 2"	1.58
<b>Beam</b>	18' – 3"	5.54
<b>Air Draft</b>	20' – 7"	6.28

### DESIGN

<b>Hull Type</b>	Mono Hull
<b>Hull Material</b>	Fiber Reinforced Plastics (FRP)
<b>Superstructure Material</b>	Fiber Reinforced Plastics (FRP)
<b>Yacht Type</b>	Motor Yacht
<b>Number of Guests + Crew</b>	6 + 2
<b>Displacement</b>	47.54 Tons
<b>Certification</b>	CE
<b>Notified Body</b>	RINA
<b>Design Category</b>	B

### TANK CAPACITIES

	<b>US. Gallons</b>	<b>Liters</b>
<b>Fuel Capacity</b>	1,500	5,678
<b>Fresh Water Capacity</b>	200	757
<b>Grey Water Capacity (Main + Crew)</b>	50 + 8	188 + 32
<b>Black Water Capacity (Main + Crew)</b>	50 + 15	188 + 57

### MACHINERY

<b>Engines</b>	Twin MAN i6-800, 588 kW, 800 HP, 2300 RPM
<b>Generator</b>	28kW, 230V AC, 50 Hz, 1~phase
<b>Electrical Power System</b>	230V AC, 50Hz, 1~phase, 24V DC

### PERFORMANCE

<b>Top Speed</b>	23 knots*
<b>Cruising Speed</b>	17 knots*
<b>Maximum Range @ 12 knots</b>	600 NM*

\*Speed and range estimates may vary depending on cleanliness of hull, and sea conditions.

## NOMAD 65 OPTIONS

***The options selected from the below list and any additional requirement shall be considered as a variation and upon confirmation shall become a part of Work Order.***

1. Auxiliary Generator 7 kW, 50 Hz, 1~phase
2. Gyro Stabilizer
3. Increased fuel tanks capacity up to 1,500 US gallons (5,678 liters)
4. Undercounter fridge
5. Upholstered sofa with FRP dining table on flybridge aft
6. Crane 600 kg minimum safe load lifting capacity
7. Ice Maker in Flybridge
8. Dishwasher in Main Galley
9. Yacht Name
10. Teak decking on flybridge
11. Additional 16" chart plotting display on main helm station
12. Night vision camera on wheelhouse top
13. CCTV camera monitoring system consisting of three cameras
14. Satellite phone
15. Twin 24V DC 1500W capstans
16. Tender lift with 600 kg lifting capacity
17. Water maker with production capacity of 140 liters/hour installed with sea water intake pump
18. Stern thruster 10kW (13HP) with control joysticks on main and flybridge helm stations
19. Eight white LED under water lights
20. 32" LED TV, satellite receiver, and media hub in VIP guest cabin
21. 32" LED TV, satellite receiver, and media hub in guest cabin
22. Fusion stereo on flybridge
23. Jetski/Dinghy stainless steel cradle on swim platform
24. Solar power system
25. Yacht Controller

## GENERAL INFORMATION

***The design and construction shall be strictly in accordance with the following specifications that describe the Standard Yacht Version.***

***Design, exterior styling, and interior design shall be performed by the Gulf Craft Inc as per the attached General Arrangement.***

***Any additional design requirements or any changes in Design or Technical to this Standard Specification shall be considered as a Variation and shall become part of Work Order.***

*Customer's Confirmation*

## HULL AND SUPERSTRUCTURE CONSTRUCTION

Reinforcements: Fiber Glass

Resin: Vinylester

Core materials: Styrene Acrylonitrile (SAN) Foam-typical for marine applications, Balsa wood

### **Construction Process**

Combination of Hand-layup lamination and Resin Infusion process is employed. Hull and superstructure are laminated into female molds

During construction process yacht is kept in clean conditions. All finished work is thoroughly protected. Particular attention is given to the covering of materials that could absorb impacts from tools, materials, and workers

Hazards associated with the handling of composite materials are minimized

### **Gel Coating**

Isophthalic gelcoat with low styrene content is employed to create a suitable barrier to water to avoid hydrolysis and ultraviolet degradation. The formulation of gelcoat is for both brush and spray applications. Curing of the gelcoat is done at optimal temperatures using a catalyst recommended by gelcoat manufacturer

External lockers, storages, and FRP furniture are finished in white gelcoat

Finishing of the yacht is done in white gelcoat

### **Antifouling**

Antifouling coating is applied to the hull to prevent growth of subaquatic organisms that may affect a yacht's performance and durability.

## SUPERSTRUCTURE

### **Flybridge**

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AISI 316L stainless steel railings with glass  
Sunbed on the forward  
Flybridge helm station  
Upholstered captain's sofa  
Upholstered sofas with dining table  
Service counter with sink and BBQ grill  
LED exterior lights  
Non-skid floor  
Self-draining

### **Main Deck**

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AISI 316L stainless steel railings  
Two AISI 316L stainless steel deck cleats on the forward, and aft  
Two AISI 316L stainless steel fairleads with rollers on forward and aft  
Two AISI 316L stainless steel fairlead with cleats on amidships  
Two freeing ports  
Escape hatch from VIP guest cabin  
Pantograph door to wheelhouse on starboard  
Stainless steel framed sliding patio door  
Stairway to flybridge with teak steps on port  
Upholstered sofa with teak dining table  
Watertight door to main galley on swim platform  
AISI 316L stainless steel transom doors  
Swim ladder  
LED exterior lights  
Self-draining  
Teak decking

## INTERIOR ARRANGEMENT

### Accommodation

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The arrangements and cabin layouts shall be laid out and organized in accordance with the standard GA.

Nomad 65 has three guest cabins including the owner's cabin, and two crew cabin in the aft  
Owner's cabin have en-suite bathroom. Twin guest cabin and VIP cabin have shared bathroom.

### Lighting

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LED interior lights

### Interior Finish

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Sand Oak, Closed grain, 0% gloss matt finish

Dark Grey Oak, Closed grain, 0% gloss matt finish

### Floorings

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Parquet

Engineered Marble

Solid surface

Resilient tiles

Carpet

### Beddings

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Owner's Cabin: Mattress protector, fitted sheet, duvet, pillowcases, cushions

VIP Cabin: Mattress protector, fitted sheet, duvet, pillowcases, cushions

Guest Cabins: Mattress protector, fitted sheet, duvets, pillowcases, cushions

### Main Saloon

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Two sofas with glass top side tables

Coffee table

Sofa with glass top side tables

Dining table with seat on starboard

TV counter mount

Curtains to patio door

Roman blinds

Carpeted floor

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**Main Galley**

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Corian countertop with bowl, sink and mixer tap

Overhead storage cabinets

Undercounter storage cabinets

Four burner electric hob

Fridge Freezer combination

Microwave Oven

Washing Machine

Pleated blinds

Parquet floor

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**Casual Dining and Wheelhouse**

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Sofa with dining table

Stairway to flybridge

Companion hatch

Main helm station

Captain's seat

Stairway to guest lobby

Roman blinds

Wooden floor

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**Corridor**

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Doors to guest cabins, and guest bathroom

Carpet floor

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**Owner's Cabin**

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Double bed with glass top side tables

Vanity table and stool

Open shelves, drawers, and cabinets

Wardrobe  
Small fridge  
Doors to bathroom  
Openable Port hole with Roman blinds  
Carpet floor

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**Owner's Bathroom**

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Vanity counter with wash basin and mixer tap  
Vanity mirror  
Opens shelves and drawers  
Electric toilet  
Glass door to shower  
Openable Port hole with Pleated blinds  
Sanitary accessories  
Solid surface floor

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**Owner's Shower**

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Head shower  
Shower seat  
Niche  
Sanitary accessories  
Teak grating on floor

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**Twin Guest Cabin**

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Two single beds with side table  
Wardrobe  
Portlight with roman blinds  
Carpet floor

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**Guest Bathroom**

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Vanity counter with wash basin and mixer tap  
Vanity mirror with cabinet



Drawer  
Electric toilet  
Glass door to shower  
Sanitary accessories  
Solid surface floor

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**Guest Shower**

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Head shower  
Shower seat  
Portlight with pleated blinds  
Sanitary accessories  
Teak grating on floor

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**VIP Guest Cabin**

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Double size bed  
Hatch with fly screen and blind  
Wardrobes  
Portlights with roman blinds  
Carpet floor

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**Crew Galley**

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Corian countertop with bowl sink and mixer tap  
Overhead cabinets  
Under counter cabinets and drawers  
Two burner induction hob  
Hob rail  
Fridge-freezer combination  
Door to crew cabin  
Watertight door to engine room  
Removable ladder to swim platform  
Openable Portlight with pleated blinds

Resilient tiles floor

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**Crew Cabin**

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Single Bed

Wardrobe

Portlight with roman blinds

Resilient tiles floor

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**Crew Bathroom**

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Head shower

Electric toilet

Niche

Sanitary accessories

Teak grating on floor

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## MAIN MACHINERY AND EQUIPMENT

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### Propulsion System

Twin MAN i6-800, 588 kW, 800 HP, 2300 RPM

Twin reverse reduction gearboxes ZF335A with gear ratio 2.458

Twin five blade propellers

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### Trim Tabs

Dual hydraulic trim tabs on stern

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### Exhaust and Ventilation

Twin exhaust fans in the engine room for forced ventilation

Mist/moisture eliminators for exhaust fans

Exhaust blowers in bathrooms and galleys

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### Steering & Maneuvering

Electro-hydraulic steering gear

Smart pump for Autopilot

16HP electric bow thruster

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### Control Stations

Main helm station

Flybridge helm station

Docking station

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### Anchoring and Mooring Equipment

Electric anchor winch 2300W, maximum pull 5300lb with deck foot switches

50kg claw type anchor and 12 mm diameter chain of 100 m length

Water tight hatch cover for access to anchor handling equipment

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### Horn

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Electric air horn fitted on hardtop

**Search Light**

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Forward search light fitted on hard top

**Cathodic Protection**

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Zinc anodes are bonded on the stern

**SUPPLY ITEMS**

Two Boat hooks

Six Fenders F6, 11" x 42" White

Six Fender ties, 4.5 meter, 10mm 3 strand, black

Basic tool kit

Deck wash connector

Exterior protection covers for exterior sofas, windows, and windshield

Owner's Manual with maintenance schedule

Engines, machinery, and equipment manuals

## YACHT SYSTEMS

### **Fuel System**

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1,500 US Gallons (5,678 liters) capacity FRP fuel tanks with interconnection

Fuel to engines, and generator is supplied through day tank

Deck fillers on port and starboard gunwale

AISI 316L stainless steel fuel distribution manifold and piping

### **Lube Oil System**

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Electric 24V DC oil change pump

### **Air Conditioning System**

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Air conditioning chillers with the total cooling capacity of 120,000 BTU

Single sea water intake pumps

Gas cooled copper coil circulation lines

Air handler units in all accommodation areas with capacities ranging from 4000 to 30000 BTU

### **Fresh Water System**

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200 US gallons (757 liters) FRP freshwater tank

Main fresh water 24V DC pump

50 liters water heater

Water filter with 15 GPM flowrate

Provision for water maker

Deck wash pump 24V DC and deck wash connections on swim platform and anchor chain compartment

Dock connection for fresh water supply with pressure regulator on the swim platform

Stainless steel deck filler under the gunwale step

Transom shower with hot and cold-water mixer

Fresh water system is provided for the wipers washer system

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### **Grey Water System**

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50 US gallons (188 liters) FRP grey water tank and 8 US gallons (32 liters) FRP aft grey water tank

Grey water discharge pump 24V DC for discharging forward grey water tank

Electric submersible discharge pump with auto float switch for discharging aft grey water tank

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### **Black Water System**

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50 US gallons (188 liters) FRP black water tank and 15 US gallons (57 liters) stainless steel aft black water tank

Electric toilets with automatic operation provided in all bathrooms

Two black water discharge pumps 24V DC for discharging forward black water tank and aft black water tank

Deck out stainless steel fitting for overboard discharge to port/marina

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### **Bilge System**

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Electric submersible bilge pumps of 500 US gallons/hour capacity with standby pumps of 500 US gallons in all watertight compartments

High water alarm sensors with automatic float switches

Bilge alarm panel with pump operating switches in wheelhouse

## ELECTRICAL SYSTEM

Line voltage: 230V AC 1~phase, 50 Hz

DC Voltage: 24V

Single 28 kW diesel generator

Dockside shore power connection is on the starboard provided with 25 m electrical cable

Galvanic isolator 50A

12A battery charger for charging engine batteries

100A battery charger for charging machinery and service batteries

Four 12V, 220AH gel batteries for engines

Two 12V, 220 AH gel batteries for machinery and service equipment

Two 12V, 110AH gel batteries for generator

All accommodation and machinery spaces have 230V AC power outlets

## NAVIGATION SYSTEM

Radar Scanner

VHF Radio system

Global positioning system GPS

Remote sounder

### **Main Helm Station**

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Single 16" multi touch display for chart plotting

Magnetic Compass

Autopilot display

Instrument display

Trim tab gauge

Rudder angle indicator

Engine display and control panels

Steering wheel, control panel and joystick

Bow thruster control joystick

Wiper control panel

Search light control panel with selector switch

Throttle Control

VHF Radio control unit

Engine room fans control panel

Anchor winch control switch panel

Navigation lights, anchor lights, instrument lights, wheelhouse lights, underwater light, horn, black, and grey pump switches panel

USB charging port

Card Reader

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### **Flybridge Helm Station**

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Single 12" multi touch display for chart plotting

Magnetic Compass

Autopilot display

Instrument display

Trim tab gauge

Rudder angle indicator

Engines RPM gauges

Engine control panel

Bow thruster control joystick

Search light repeater

Throttle control

VHF radio handset

Anchor winch control switch panel

Trim tabs control switches panel

Instrument lights, arch light, flood light, sofa light, and horn switches panel

Steering wheel

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### **Instrumentation**

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Wind speed transducer

Depth and Temperature thru hull transducer

Tanks level monitoring system integrated with navigation display

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**Navigation Lights**

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Following navigation lights are installed:

Masthead light

Side light (Port)

Side light (Stbd)

Stern light

Anchor light

NUC light

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**Flood Lights**

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Two flood lights on hardtop aft

Two flood lights on flybridge deck aft

**FIRE PREVENTION AND SAFETY EQUIPMENT**

**Structural Fire Protection**

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Structural fire protection in the engine room

**Fire Detection and Fire Alarm System**

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Fire alarm panel

Smoke detectors

Heat detectors

Fire bell

**Fire Appliances**

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FM-200 fixed fire extinguisher

02 kg ABC powder fire extinguishers

Fire blanket

**Life Saving Appliances**

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Life raft with the capacity of 08 persons

Foam life jackets for 08 persons

First aid kit

Two plain life buoys

**ENTERTAINMENT SYSTEM**

Satellite Entertainment System with satellite receivers. Single dome on hardtop

**Main Saloon**

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40" LED TV  
Media Hub  
Soundbar  
Subwoofer  
Surround Speakers  
Satellite Receiver

**Owner's Cabin**

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32" LED TV  
Sound Bar  
Satellite Receiver  
Media Hub

**Wheelhouse**

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Stereo system  
Two ceiling speakers

**Forward Area**

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Two speakers under sofa

**Aft Cockpit**

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Two speakers

**Flybridge**

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Two ceiling speakers  
Remote control unit