

Celebrity SLY65E Power Catamaran Specification

Explorer Series

PRINCIPAL SPECIFICATIONS

Length Overall	19.82 M	65.00 Ft.
Length Waterline	0000M	0000 Ft
Beam	7.93M	26.00 Ft
Draft with IPS	1.30M	4.25Ft
Draft For Jet Drive Version	0.8M	2.6Ft
Displacement (Light)	20 Tonnes	44,080Lbs
Displacement (Heavy)	23 Tonnes	50,692Lbs
Fuel Capacity (Standard)	2,270 Liters	600 US Gallons
Fuel Capacity (Long Range) Up to	5,678Liters	1500 US Gallons
Water Capacity	946 Liters	250 US Gallons
Engines	Standard	2 X Volvo Penta IPS 600 Diesels (435 HP)
Optional Propulsion		2 X Hamilton Jet Drives

The Celebrity SLY65E achieves the strength essential in catamaran design by bonding the bulkheads into a one piece hull molding to form deep box sections and then by bonding the one piece deck molding to the hull and bulkheads to create a monocoque shell system. The hull has integrated longitudinal and transverse mini-nacelles designed specifically to increase stiffness. The bulkheads are strategically located to absorb torsion and compression loads inherent in a catamaran's structure. The main support bulkhead is mounted on a stringer to help transmit the loads away from the bridge deck. The hulls are hand laid with E-Glass and isophthalic resin to German Lloyds specifications. The first layers use powder bound mat and vinyl ester resin to minimize risk of osmosis. The hull is cored above the waterline with PVC Foam Core. The deck is molded using similar techniques of PVC Foam Core reinforced at high stress areas with uni directional and double bias cloth. All bulkheads and cabin soles are made of PVC foam or Nida-Core laminate. Watertight bulkheads fore and aft add buoyancy and security in the event of collision and ensure the watertight integrity of the boat.

- [HULL & DECK](#)

- FRP with hand laid E-Glass uni-directional, double bias cloth and PVC Foam Core
- Teak inlaid transom steps
- Teak inlaid cockpit sole
- Contrasting non-skid on side decks
- Nida cored bulkheads and cabin soles
- Bronze thru-hull fittings
- Hull and deck chemically bonded
- Eight (8) opening ports in hull
- Laminated Glass Saloon House windows fitted with Sikaflex
- Acrylic Saloon/Side windows fitted with Sikaflex
- Anchor and Stowage Lockers forward
- Molded Guest seating area forward with Sunbrella® cushions
- Large sunning area just aft of forward guest seating with Sunbrella® pad
- Aft facing seating behind cockpit with Sunbrella® cushions
- Teak inlaid Signature "Beach Deck"™ on stern

- **DECK HARDWARE**

- Twelve (12) opening deck hatches
- 316 SS Custom Safety Side Rails
- 316 SS side boarding gate
- 316 SS pulpits with teak seats
- 316 SS 8 X 12" cleats (2 each on bow & stern)
- 316 SS 4 X 12" spring cleats (amidship)
- 316 SS boarding ladder
- Two (2) Deck Water Filler
- Two (2) Deck Fuel Filler
- Two (2) Deck Waste Pump Out
- Shower on transom
- Electric 2500 watt windlass Controlled from each helm and on deck
- Seawater deck wash-down
- 50kg (103Lbs) Anchor, 80 m (230 ft) chain, and 30m (100 ft) rode
- 6 (Six) Fenders
- 6 (Six) Docklines 4 x 20m (65.6ft), 2 x 25m (82ft)

- **COCKPIT**

- Large curved settee in cockpit
- Large Teak Cockpit table
- DVD Player & TV Monitor in Entertainment Area
- Storage under seating
- Sunbrella® seat cushion covers
- Ice Box/Refrigerator
- AM/FM/CD player (iPod compatible)
- Two (2) cockpit stereo speakers

- Teak Grate
- Courtesy floor lighting
- Overhead SS Lighting
- Sliding doors to saloon
- Trash Compactor in Console

- **FLYBRIDGE**
 - Curved molded stairs with teak inlaid steps to fly-bridge
 - SS and FRP Radar arch, antennae and navigation light mounts
 - SS Grab rails around flybridge
 - Large U shaped seating to port with storage under
 - Teak luncheon/cocktail table
 - Upholstered Helm seat forward
 - Engine instrument panel
 - Two (2) Raymarine E120 MSD (displaying GPS, Radar, Speed information)
 - Raymarine Auto-pilot remote control
 - VHF Radio
 - Acrylic windshield
 - Two fixed stools to starboard
 - Molded console to starboard with barbecue grill, sink and ice box/fridge
 - Double settee forward of console facing forward with Sunbrella®
 - Large area for sunning. Courtesy Floor Nightlight
 - Two (2) Fly-Bridge Stereo Speakers tied to Cockpit Stereo System with Volume control

- **SALOON**
 - Panoramic view through large fixed windows
 - Port side L-shaped dining settee
 - Custom dining table for eight (8)
 - Starboard side bar and entertainment center with L shaped settee
 - Raised Helm/Navigation Station Forward with Two (2) Helm Seats and L-shaped seating with Coffee Table
 - Engine instrument panel
 - Two (2) Raymarine E120 MSD (displaying GPS, Radar, Speed information)
 - Raymarine ST6001 Auto-pilot control
 - VHF Radio
 - Navigation and engine instrumentation information repeaters at helm
 - Headliner combination wood battens and vinyl
 - SS Lighting
 - Courtesy Floor Nightlight
 - Two (2) Guest cabin access companionways aft
 - One (1) Crew cabin access companionway adjacent to Helm Station
 - Teak and Holly sole
 - Selection of Alcantra or Leather Upholstery fabrics to choose from
 - Matching Drapes & Shades
 - Access door to Master Stateroom
 - LCD TV with DVD/CD Surround sound entertainment system

- Three (3) Fans
- Air Conditioning
- **GALLEY**
 - U-shaped Galley ensuite with saloon
 - Marble-Lite counter tops with double SS Sink
 - Upright Fridge
 - Freezer
 - Four Burner Electric Stove
 - Microwave Oven
 - SS Halogen lighting
 - Courtesy Floor Nightlight
 - Wood Cabinet
 - Custom Storage
 - One (1) Fan
 - Air-Conditioning
- **FORWARD MASTER STATEROOM**
 - Tapered walk around queen berth offset to port
 - Storage under berth
 - SS reading lights
 - SS Halogen lighting
 - Opening Port
 - Opening Overhead Hatches with Screen and Shades.
 - Two (2) Fans
 - Courtesy Floor Nightlight
 - Club Chair with ottoman
 - Vanity forward
 - Air-Conditioning
 - Loveseat to Port with Entertainment Center
 - Flat Screen TV and DVD digital tuner/CD player and Satellite Radio
 - Teak and Holly Sole
 - Custom Carpets
 - Choice of exotic wood finishes
 - Large hanging locker and chest of drawers
 - Stairs to Office/Optional Bath in Port Hull
- **MASTER BATHROOM**
 - Bathroom to Starboard
 - Twin raised glass basins with SS fixtures
 - SS Tissue holder, towel loop, and robe hooks
 - Lexan mirrors
 - Opening Deck Hatch with Screen & Shades
 - Courtesy Floor Nightlight
 - SS Halogen Lighting

- Enclosed Toilet compartment with Vacu-Flush Toilet
- Large Step in Shower in bow with massage jet spray
- Linen Storage Lockers
- Medicine cabinet

- **HEAD & SHOWER (Port & Starboard)**

- Shower compartment FRP
- Toilet electric flush
- Counter tops in Marble-Lite
- Storage under Basin
- Glass Wash Basin
- SS Halogen lighting
- Courtesy Floor Nightlight
- SS tissue roller
- SS tissue holder, towel loop and robe hooks.

- **AFT GUEST STATEROOMS (Port & Starboard)**

- Queen size side entry/Pullman berth
- Storage under berth
- Entertainment Pod w/ Flat Screen TV DVD digital tuner/CD player & Satellite Radio
- Large hanging locker
- Seating with cushion
- Large overhead hatch with shade and screen
- Opening Port
- Two (2) Fans
- Teak & Holly sole
- SS Reading Lights
- SS Halogen Lighting
- Courtesy Floor Nightlight
- Air-Conditioning

- **MIDSHIP GUEST STATEROOM (Starboard)**

- Queen size side entry/Pullman berth
- Storage under berth
- Entertainment Pod w/ Flat Screen TV DVD digital tuner/CD player & Satellite Radio
- Large hanging locker
- Seating with cushion
- Large overhead hatch with shade and screen
- Opening Port
- Two (2) Fans
- Teak & Holly sole
- SS Reading Lights
- SS Halogen Lighting

- Courtesy Floor Nightlight
- Air-Conditioning
- **CREW STATEROOM (Midship Port)**
 - Two (2) Bunk Beds
 - Storage under lower berth
 - Entertainment Pod w/ Flat Screen TV DVD digital tuner/CD player & Satellite Radio
 - Large hanging locker
 - Desk with seating
 - Large overhead hatch with shade and screen
 - Opening Port
 - Two (2) Fans
 - Teak & Holly sole
 - SS Reading Lights
 - SS Halogen Lighting
 - Courtesy Floor Nightlight
 - Air-Conditioning
- **ENGINE & MACHINERY**
 - Twin Volvo Penta IPS600 435HP diesel engines standard
 - Dual 115 Amp 12v alternators
 - Fresh water Engine Cooling System
 - Engine Instrument Panel at Helm Positions
 - Fuel tanks in GRP Vinylester 2270 liters (600 US Gallons)
 - Racor fuel filters
- **PLUMBING**
 - Six (6) Automatic Bilge Pumps (1,000 GPH each)
 - Four (4) manual bilge pumps 35gal/min
 - Hot & Cold Pressure water
 - Four (4) Water Heater - 35Liter tanks
 - Four (4) Black Water Tanks (2 x 150 Liter tanks)
 - Black water direct overboard discharge via "Y" valve
 - Two (2) Hot and Cold Deck showers on transom
- **ELECTRICAL**
 - Voltage: 12v DC
 - Shore power or 10KW generator provides choice of 110 or 220v AC
 - Wiring - Marine cables approved by Lloyds and ABS
 - Batteries to be sealed gel type, House and Engine starting
 - House: Eight (8) Absorbed Glass mat total 750AH to run all domestic services
 - Engine Start Batteries: Two (2) 12v DC – 120AH Lead acid
 - Generator Start Battery: One (1) 12v DC – 120AH Lead acid

- Battery charging from 2 x 90Amp Alternators
- Battery charger /Inverter
- Lighting throughout will be 12v DC
- Marine Air Air- Conditioning System
- Fifteen (15) Electrical outlets throughout will be either 220/110v
- Four (4) 12v outlets at both Helms and in Cockpit
- Two (2) 50 Foot 30 Amp Shore Power Cord with Hubble fittings
- One (1) 50 Foot 50 Amp Shore Power Cord with Hubble fittings
- Alarm System: Environment- High Bilge, Gas, Fire/smoke/heat, alert.
Machinery: High water temp, low oil pressure on main engine and generator.
High oil temp and low oil pressure on Transmission and reduction gear

- **NAVIGATION & ELECTRONICS**

- Two (2) 6" Danforth Compass at Inside Helm & Fly-bridge with light and dimmer
- Two (2) VHF Radio at Inside Helm and at Fly-bridge
- Raymarine ST6001 Auto-Pilot at Inside Helm
- Raymarine Auto-Pilot remote control at Fly-Bridge Helm
- Two (2) Raymarine E120 MSD at Fly-Bridge Helm
- Two (2) Raymarine E120 MSD at Inside Helm
- Raymarine System integrated with ST6001 Auto-pilot and includes Chart-plotter
- Raymarine 48 mile Radar integrated with MSD
- Raymarine Depth and speed sensors integrated with MSD

- **INTERIOR FINISH**

- Hull interior surfaces to be vinyl
- Saloon and Stateroom upholstery to be selected from a range of Premium fabrics which include Ultrasuede, Ultraleather, Alcantara and Leather
- Port curtains and saloon blinds to be in matching materials.
- Wood Trim Teak Standard (Optional Exotic Woods)
- Cushions for berths and settees to be of high grade foam of minimum 150mm.
- All hardware to be SS as standard

- **GENERAL**

- Interprotect Epoxy barrier coating on Bottom
- Antifouling paint
- Emergency tiller
- Specifications and component part manufacturers are subject to change. The shipyard reserves the right to modify the specifications without notice.

- **OPTIONS:**

- **HULL & DECK**

- Colored hull
- Long-range Hull
- **DECK HARDWARE**
 - 316 SS deck hatches
 - 316 SS portlights
 - 316 SS davits
 - 316 SS boarding gate
 - Davitts
- **COCKPIT**
- **SALOON**
 - Satellite Communications (TV/Internet/Voice)
- **GALLEY**
- **AFT STATEROOMS (Port)**
- **HEAD & SHOWER (Port & Starboard)**
- **ENGINE & MACHINERY**
 - Optional fuel capacity to 5,678 liters (1500 US Gallons)
 - Hamilton Jet Drives
 - Fuel Polishing System
- **PLUMBING**
 - Plumbing for water maker
 - Water maker and plumbing
 - Hot and cold transom shower
 - Freshwater wash-down
 - Water filtration system
 - Compact Washer/Drier combo
- **ELECTRICAL**
 - Remote control spotlight
 - Docking Lights
 - Compact dive compressor supplied and installed in locker convenient to Beach Deck
- **NAVIGATION & ELECTRONICS**

- Vessel hard wired for computer networking

- **INTERIOR FINISH**
- Choose from a selection of premium fabrics
- Choice of Custom Cabinetry, Exotic Woods and Finishes

- **SAFETY GEAR**
- Two (2) six man automatic inflating life rafts in aft deck side lockers Port & Starboard
- Man-overboard Pole
- Two (2) horseshoe rings with strobe lights
- Twelve (12) safety harnesses
- Flare Kit
- Eight (8) large Life Jackets

- **LEISURE EQUIPMENT**
- 16Foot Rib with Center Console and 40HP Motor
- Davitts