

# Celebrity SLY56E Power Catamaran Specification

## Explorer Series

### PRINCIPAL SPECIFICATIONS

Length Overall	17.07 M	56.00 Ft.
Length Waterline	15.48M	50.80 Ft
Beam	6.80 M	22.30 Ft
Draft Standard	0.99M	3.25Ft
Draft with IPS	1.30M	4.20Ft
Draft For Jet Drive Version	0.8M	2.6Ft
Displacement (Light)	15 Tonnes	33,066Lbs
Displacement (Heavy)	19 Tonnes	41,884Lbs
Fuel Capacity (Standard)	1,703 Liters	450 US Gallons
Fuel Capacity (Long Range)Up to	5,678Liters	1500 US Gallons
Water Capacity	946 Liters	250 US Gallons
Engines Standard	2 X 260 HP Yanmar Diesel	
Optional Up To	2 X 440 HP Yanmar Diesel	
	2 X 310 HP Volvo Penta IPS400 Diesel	
Optional Propulsion	2 X Hamilton Jet Drives	

The Celebrity 56E SLY 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 isophathalic 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 Windshield 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 guest seating with Sunbrella® pad
- Aft facing seating behind cockpit with Sunbrella® cushions
- Teak inlaid 125 sq. ft. Signature “Beach Deck”™ on stern

- **DECK HARDWARE**

- Four (4) 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 2 X 10” 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 (Hot and cold)
- Electric 1500 watt windlass Controlled from each helm and on deck
- Seawater deck washdown
- 20 kg (44.1Lbs) Anchor, 50 m (165 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
- Space for 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
  - Raymarine E120 MSD (displaying GPS, Radar, Speed information)
  - Raymarine ST6001 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.
  - Two (2) Fly-Bridge Stereo Speakers tied to Cockpit Stereo System
  
- **SALOON**
  - Panoramic view through large fixed windows
  - Port side U-shaped dining settee
  - Teak dining table for eight (8)
  - Starboard side bar and entertainment center with L shaped settee
  - Helm and Navigation Station Forward with seating for two.
  - Engine instrument panel
  - Raymarine E120 MSD (displaying GPS, Radar, Speed information)
  - Raymarine ST6001 Auto-pilot control
  - VHF Radio
  - Headliner combination wood battens and vinyl
  - SS Lighting
  - Courtesy Floor Nightlight
  - Two (2) Fans
  - Two (2) cabin access companionways aft
  - Teak and Holly sole
  - Alcantra or Leather Upholstery
  - Matching Drapes & Shades
  - Access door to Master Stateroom
  - Air Conditioning
  - LCD TV with DVD/CD Surround sound entertainment system
  
- **GALLEY**

- U-shaped Galley ensuite with saloon
- Marble-Lite counter tops with double SS Sink
- Upright Fridge
- Freezer
- Four Burner Electric Stove
- Microwave Oven
- Wood Cabinet
- SS Lighting
- Courtesy Floor Nightlight
- Custom Storage
- One (1) Fan
- Air-Conditioning
  
- **FORWARD MASTER STATEROOM**
  - Tapered Walk around queen berth offset to port
  - Storage under berth
  - SS reading light
  - SS Halogen lighting
  - Opening Port
  - Opening Overhead Hatch with Screen and Shades.
  - Two (2) Fans
  - Courtesy Floor Nightlight
  - Club Chair with ottoman
  - Vanity/Dressing area forward
  - Air-Conditioning
  - Loveseat to Starboard with Entertainment Center
  - Flat Screen TV and DVD digital tuner/CD player and Satellite Radio
  - Teak and Holly Sole
  - Selection of exotic wood finishes available
  - Large hanging locker and chest of drawers
  - Stairs to Office/Optional Bath in Port Hull
  - Large en-suite head with separate shower and twin vanities
  
- **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
  - Enclosed Toilet compartment with Vacu-Flush Toilet
  - Large Step in Shower in bow with massage jet spray
  - Linen Storage Lockers
  - Medicine cabinet
  
- **AFT STATEROOMS ( Port & Starboard)**

- Queen size side berth
- Storage under berth
- Entertainment Pod w/ Flat Screen TV DVD digital tuner/CD player
- Large hanging locker
- Seating with cushion
- Large overhead hatch with shade and screen
- Opening Port
- Reading Lights
- SS Overhead Lighting
- Two (2) Fans
- Teak & Holly sole
- Courtesy Floor Nightlight
- Air-Conditioning
  
- **HEAD & SHOWER ( Port & Starboard )**
  
- Shower compartment FRP
- Toilet electric flush
- Counter tops in Marble-Lite
- Storage under Basin
- Two (2) Glass Wash Basin
- Halogen lights
- Courtesy Floor Nightlight
- SS tissue roller
- SS tissue holder, towel loop and robe hooks.
  
- **ENGINE & MACHINERY**
  
- Twin Yanmar 260HP diesel engines standard
- Dual 90 Amp 12v alternators 12V
- Fresh water Engine Cooling System
- Engine Instrument Panel at both Helm Positions
- Fuel tanks in GRP Vinylester (1703 liters or 450 US Gallons)
- Optional fuel capacity to (5,678 liters or 1500 US Gallons)
- Racor fuel filters
- 8KW Generator (standard)
- Twin four blade propellers (standard)
  
- **PLUMBING**
  
- Four (4) Automatic Bilge Pumps (1,000 GPH each )
- Two manual bilge pumps 35gal/min
- Hot & Cold Pressure water
- Fresh Water capacity of 946 Liters (250 US Gallons)
- Two (2) Water Heater - 35Liter tanks
- Two (2) Black Water Tanks ( 2 x 150 Liter tanks )
- Black water direct overboard discharge via “Y” valve
- Deck shower on transom Hot and Cold

- **ELECTRICAL**

- Voltage: 12v DC
- Shore power or 8KW 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 Batteries: Eight ( 8 ) Absorbed Glass mat total 500AH to run all domestic services
- Engine Start Batteries: Two (2) 12vDC – ACDelco lead acid
- Generator Start Battery: One (1) 12vDC – ACDelco 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
- 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**

- 2 x 6" Danforth Compass at inside helm & fly-bridge with light and dimmer
- Two (2) VHF Radio's (One at each helm)
- Raymarine ST6001 Auto-Pilot Primary control at Inside Helm
- Raymarine Auto-Pilot Remote Control at Fly-Bridge Helm
- Raymarine E120 MSD at Fly-Bridge Helm
- Raymarine E120 MSD at Inside Helm
- Raymarine System integrated with ST6001 and includes Chart-plotter
- Raymarine 48 mile Radar integrated with MSD
- Raymarine GPS Antenna integrated with MSD
- Raymarine Depth speed transducers integrated with MSD

- **INTERIOR FINISH**

- Hull interior surfaces to be vinyl
- Saloon and Stateroom upholstery to be Choice of Acrylic fabric
- Port curtains and saloon blinds to be in matching materials.
- Wood Trim Teak Standard
- 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

- DECK HARDWARE

- 316 SS deck hatches
- 316 SS portlights
- 316 SS davits
- 316 SS boarding gate
- Davitts

- COCKPIT

- DVD Player & TV Monitor in Entertainment Area

- SALOON

- GALLEY

- AFT STATEROOMS ( Port )

- HEAD & SHOWER ( Port & Starboard )

- ENGINE & MACHINERY

- Fuel Polishing System
- Optional fuel capacity to (5,678 liters) 1500 US Gallons

- Two (2) Larger Diesel motors up to 440HP
- Two (2) Volvo Penta IPS400 310HP Diesel Motors
- Bow Thruster (Controlled from inside Helm and from Flybridge)
  
- **PLUMBING**
  - Plumbing for water maker
  - Water maker and plumbing
  - Hot and cold transom shower
  - Compact Washer/Dryer Combo
  
- **ELECTRICAL**
  - 2500 Watt Inverter
  
- **NAVIGATION & ELECTRONICS**
  - Additional Raymarine E80 MSD
  - Additional Raymarine E120 MSD
  
- **INTERIOR FINISH**
  - Choose from a selection of premium fabrics which include Ultrasuede and Ultraleather
  - 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**
  - 14foot RIB with 20HP Motor
  - Davitt
  - One (1) Two man and One (1) One man Kayak
  - Compact dive compressor supplied and mounted in locker convenient to Beach Deck
  
- **HOSTELRY EQUIPMENT**
  - Fitted linens
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