

## EXPRESSO S3 NOVO PRODUCTS SPECIFICATION

PHYSICAL CHARACTERISTICS			
Products	S3u Upright	S3Y Youth	S3R Recumbent
Length	52"	49"	72"
Width	24"	24"	28"
Height	60"	55"	50"
Weight	155 lbs.	155 lbs.	245 lbs.

RECOMMENDED USAGE			
Products	S3u Upright	S3Y Youth	S3R Recumbent
Weight	Up to 350 lbs.	Up to 350 lbs.	Up to 350 lbs.
Height	4'11" – 6'4"	4'4" – 5'10"	4'8" – 6'4"

PRODUCT SPECIFICATION	
<b>Power</b>	100-220V AC 50/60 Hz
<b>Premium Computer</b>	Features a high-performance processor, premium video card, spacious disk drive and lots of memory. Integrated TV tuner and many music channels provide entertainment options
<b>Connectivity</b>	Features both wired and wireless connectivity Wireless: 802.11 b/g Wired: RJ45 10/100 Base T port LAN
<b>Video Screen</b>	19" LCD high-contrast widescreen
<b>Console</b>	Easy-to-navigate keypad supports Expresso's specialized workout programs as well as manual mode. Standard headphone jack is conveniently located on the console near the channel and volume control buttons.
<b>Steering Unit</b>	Engages the upper body, creating a realistic riding experience
<b>Resistance Control</b>	Shifter buttons (on S3u and S3Y) and levers (on S3R) feature 30 gears allowing users to adjust the intensity of workouts
<b>Heart Rate Sensors</b>	Polar compatible. Conveniently located on handlebars, and offer continuously reliable heart rate readings

<b>Advanced Drive Train</b>	<p>Features a dual-belt resistance system that provides fluid motion, quiet operation.</p> <p>Supports up to 600W of riding power on the Expresso Routes and up to 800W of riding power in the manual mode.</p> <p>Force rating of the clutch, 90Nm, is 50% higher than the industry norm, accommodating smoother rides with less slippage for even extremely strong riders</p>
<b>Seat Design</b>	<p>S3U and S3Y feature a low-profile seat adjustment mechanism accommodating a wide range of users. Supports 20 height positions and 7 forward-backward positions.</p> <p>S3R's ergonomically designed seat bottom and back rest offer exceptional lumbar support. The 32 position seat adjustment mechanism accommodates a wide-range of users.</p> <p>S3R also features a convenient walk-through design.</p>
<b>Removable Seat Slider</b>	<p>Accommodates cycling fanatics and other riders with special needs to mount their favorite seats available in the market</p>
<b>Multi-purpose Pedals</b>	<p>Accommodate standard footwear as well as Shimano SPD-compatible shoes</p>
<b>TV Tuner</b>	<p>Analog US Cable supported</p> <p>Compatible with the following analog broadcasts, but not officially supported:</p> <p>Japan Broadcast (NTSC JP), Japan Cable (NTSC JP), Europe West (PAL B), Eastern Europe (PAL D), Italy (PAL B), New Zealand (PAL B), Australia (PAL B), Ireland (PAL I), France (SECAM L), China (PAL D), South Africa (PAL B), Argentina (PAL Nc), Russia (SECAM D)</p>





















**REGULATORY APPROVALS**

<b>Regulatory Approvals</b>	FCC, TUVus, CE, C-Tick
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**STANDARD LIMITED WARRANTY \*1**

<b>Parts</b>	2 year limited warranty
<b>Computer</b>	2 year limited warranty
<b>Labor</b>	1 year limited warranty









\*1 Product registration and usage of surge protection are required to receive warranty services. Extended warranty options are available. Certain limitations may apply. Please review IFH Standard Limited Warranty document available at <http://www.expresso.com/support.htm>






EXPRESSO S3 NOVO PROGRAM FEATURES	With Expresso Live! <sup>*2</sup>	Without Expresso Live!
<b>30+ tours categorized in 4 levels</b> <ul style="list-style-type: none"> <li>• Basic</li> <li>• Moderate</li> <li>• Challenging</li> <li>• Extreme</li> </ul>		
<b>Expresso Chases</b> <ul style="list-style-type: none"> <li>• Proving Grounds – 5-min to 30-min</li> </ul>		
<b>TV mode</b>		
<b>Manual Mode</b>		
<b>Outdoor cycling feel</b> <ul style="list-style-type: none"> <li>• Synchronization between the virtual terrain and the rider movement</li> <li>• Direction control by steering</li> <li>• Resistance control by gear shifting</li> <li>• Speed control by gear shifting and pedaling</li> </ul>		
<b>Adjustable Pacer</b> <ul style="list-style-type: none"> <li>• Adjustment range – 25W to 500W</li> <li>• Adjustable anytime during a tour ride</li> </ul>		
<b>Virtual Riders</b>		
<b>Group Rides (Multi-player Racing) <sup>*3</sup></b>		
<b>Real-time Monitoring</b> <ul style="list-style-type: none"> <li>• Speed and cadence</li> <li>• Fitness data – heart rate, power, calories</li> <li>• Tour progress – yourself, Pacer</li> <li>• Chases progress - Points, Chase map, Dragon queue, miles</li> </ul>		
<b>Ride Summary and Charts</b> <ul style="list-style-type: none"> <li>• Total - time, distance, calories</li> <li>• Max and average - heart rate, power, speed</li> <li>• Ride charts (tours only) – altitude, power, and heart rate</li> </ul>		

\*2 Expresso Live! is a subscription-based service.

\*3 Group Rides requires all bikes connected to the same local area networks within the same facility

## EXPRESSO LIVE! SERVICE<sup>\*1</sup> FEATURES

EXPRESSO LIVE! ADVANCED FEATURES <sup>*2</sup> FOR <u>RIDERS</u>	With Expresso Live!	Without Expresso Live!
<b>Premium Tours</b> <ul style="list-style-type: none"> <li>• Camel Country</li> <li>• Dragon Fire</li> <li>• Falcon Flight</li> <li>• Grape Stomper</li> <li>• Ironhorse Rush</li> <li>• Odyssey</li> <li>• Rabbit Run</li> <li>• Sunday Afternoon</li> <li>• Thunderball</li> </ul>		No
<b>On-bike Music</b>		No
<b>Expresso ID Creation on Bike</b>		No
<b>Individual Rider's Workout History and Progress Tracking</b> <ul style="list-style-type: none"> <li>• Ride history with detailed ride data</li> <li>• Calendar</li> <li>• Graphs (distance, calories, power, power/HR, pace comparison)</li> </ul>		No
<b>Expresso Trophies (Achievements)</b> <ul style="list-style-type: none"> <li>• Trophies: riders' awards at various milestones</li> <li>• Real-time trophy award and the next target on bike</li> <li>• Trophy Room: review all earned trophies at Expresso.net</li> </ul>		No
<b>Ghost</b> <ul style="list-style-type: none"> <li>• Personal best (race against your personal best)</li> <li>• Any past rides (race against any of your past ride)</li> <li>• Ghost selection (select and race against any rider on Leaderboards)</li> <li>• Ghost Challenge (send and accept Ghost data over Facebook, Twitter and E-mail)</li> </ul>		No
<b>Leaderboards</b> <ul style="list-style-type: none"> <li>• Global ranking</li> <li>• My facility ranking</li> <li>• Filtered ranking</li> </ul>		No
<b>Social Networking</b> <ul style="list-style-type: none"> <li>• Post completed laps, completed games, personal best, achievements on Facebook, Twitter and E-mail</li> <li>• Automatic post</li> <li>• Manual post</li> <li>• HotConnect (post directly from the bike)</li> </ul>		No

EXPRESSO LIVE! MANAGEMENT TOOLS FOR <u>OWNERS</u>	With Expresso Live!	Without Expresso Live!
<b>Analytics Reports</b> <ul style="list-style-type: none"> <li>• Dashboard</li> <li>• Calories</li> <li>• Miles</li> <li>• Bikes</li> <li>• Riders</li> <li>• Routes</li> </ul>		No
<b>Viral Marketing on Facebook</b> <ul style="list-style-type: none"> <li>• Facility name</li> <li>• Location (City and State)</li> <li>• Privacy control: Facility name and location will NOT appear if the facility is marked as residence or private company</li> </ul>		No
<b>Brand-able Mobile Expresso</b> <ul style="list-style-type: none"> <li>• Facility logo (image) will be displayed when your riders access to Mobile Expresso</li> </ul>		No
<b>Special Offer (Rider Referrals)</b> <ul style="list-style-type: none"> <li>• Facility logo (image)</li> <li>• Offer title and description (text)</li> <li>• Offer expiration date</li> <li>• Easy web-based set up for owners</li> <li>• Easy user interface for riders to share your offer with their friends using Facebook, Twitter and E-Mail</li> </ul>		No
<b>LiveALERT<sup>*3</sup></b> <ul style="list-style-type: none"> <li>• Proactive product maintenance service by IFH</li> <li>• Problem detection</li> <li>• Diagnostics</li> <li>• Owner notification</li> <li>• Repair service arrangement</li> </ul>		No

\*1 Expresso Live! is a subscription-based service. 1-year, 2-year and 3-year subscription options are available. 6-month free trial is available with any new IFH manufactured S3 Novo product purchase upon product registration.

\*2 Some features require Expresso ID, and some require user registration at Expresso.net. User registration is free. Some features are accessible at the Expresso.net and Mobile Expresso rider portal.

\*3 Advanced diagnostics and repair service are available only on S3 Novo bikes under IFH warranty. Remote technical support and basic diagnostics are available on other models.