

# SAMSUNG WF20DG8650BV

## Smart Large Capacity Washer

ENERGY  
**A**

### Product Highlights

**Power supply:** 13 amp plug**Washer capacity:** 20kg**Dimensions:** W686 x D875 x H984mm**Maximum spin speed:** 1000 RPM**Programmes:** 20 (including Eco 40-60, Drum Clean+, AI Wash, Hygiene Steam, Baby Care, and Pet Care)**Energy usage at full load:** 0.505 kWh per cycle\***Water usage at full load:** 74 Litres per cycle\***Water supply:** Cold water connection only**Wash duration:** 30 minutes per cycle (3kg load)\*\***Motor type:** Digital inverter technology  
(Backed by 20 year warranty on component parts)**Warranty:** 2 Years Parts and Labour

**Spend Less Time on Laundry:** Say goodbye to overflowing laundry baskets with a 20kg large capacity drum that allows you to wash more in a single load. By reducing the number of cycles needed, you'll save time, energy, and water. Whether tackling bulky bedding or a week's worth of clothes, this spacious drum ensures efficient washing without compromising on performance.



**Energy Efficiency Without Compromise:** Reduce your washers energy consumption with AI Energy Mode in SmartThings Energy. When activated on selected cycles, this intelligent function helps cut energy use by up to 60%, making it an environmentally friendly choice. By leveraging Samsung's AI EcoBubble™ technology, it optimises cycle time and washes at lower temperatures while maintaining excellent cleaning results.



Tailored for **light to medium-duty** commercial use, the WF20DG8650BV serves as the perfect solution for a wide range of small businesses:

**Care Homes, Sports & Fitness Clubs, Salons, Hotels, B&Bs, & Restaurants.**

Main Features	
GTIN number	8806097061427
Load capacity	20kg
Maximum spin speed	1000 RPM
Programmes	20
Exterior finish	Black Caviar
Door	Tint Door + Black Deco
Drum material/type	Stainless Steel / Swirl+
User interface	LED
Panel language	Symbol / English
Water supply	Cold fill only
Draining system	Drain pump
Plug type	UK 13 amp plug
WiFi embedded	Yes
Vibration reduction (VRT+)	Yes
Stackable kit	SKK-ATV/SA (Optional)

Technical & Performance Features	
Gross & nett weight	101kg / 98kg
Product dimensions (mm)	W686 x D875 x H984
Packed dimensions (mm)	W746 x D915 x H1105
Voltage	220-240V
Frequency	50 Hz
Energy usage at full load (Eco 40-60 cycle)	0.505 kWh per cycle
	51 kWh per 100 cycles
Water usage at full load	74 Litres per cycle*
Wash duration per cycle (Eco 40-60 cycle)	180 minutes (Partial load)
	240 minutes (Full load)
Spin noise level	76 dBA
Spin efficiency class	B
Noise efficiency class	B
Energy efficiency class	A
Type of motor	Digital Inverter



**Intelligent Sensing for Optimised Cleaning:** AI Wash delivers a deeper clean with less effort, using smart sensors to analyse load weight, fabric type, and soiling levels in real time. It automatically adjusts water, detergent, and cycle duration, ensuring the perfect balance of soaking, rinsing, and spinning for powerful results while reducing waste.



**Bubbles that Pack a Punch:** Experience superior cleaning with AI EcoBubble™, which transforms detergent into bubbles that penetrate fabrics faster, lifting dirt and stains with 20% greater efficiency. This intelligent technology detects fabric type, adjusting the amount of bubbles, wash time, water temperature, and spin speed accordingly.



**Smart, Personalised Washing:** Simplify your laundry routine with AI Control, which learns your washing habits and suggests the most suitable cycles based on machine learning. Factoring in weather conditions and seasonal trends, it automatically adjusts settings for optimal fabric care. The SmartThings App enhances this experience by providing cycle recommendations, scheduling assistance, and troubleshooting support.



Download our Marketing pack for the **WF20DG8650BV!**



- Spec Sheet
- User Manual
- Product CSV
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- Logos & Icons