INVENTO ENGINEERING AND CONSULTANT PVT. LTD. • KATHMANDU, NEPAL

AquaGuard IPC STAR PRO — Technical Datasheet

Proprietary Dual-Tank Automatic Water Pump Controller · Engineered & Manufactured in Nepal

Product Model	AquaGuard IPC STAR PRO
Standard Turnkey Price	NPR 10,000 (+ applicable taxes), Kathmandu Valley install + 1-Yr AMC
Operating Voltage Window	170V – 240V AC, 50Hz (auto disconnect outside safe voltage limits)
Motor Drive Rating	Direct drive up to 5 HP; motors above 5 HP via external magnetic contactor
Dry-Run Protection	< 2.0 seconds electronic cutoff upon underground sump depletion
Level Sensor Technology	Sealed 12V DC waterproof magnetic float sensors (zero electrolysis)
Enclosure & Terminals	Indoor wall-mount IP54 enclosure with bakelite terminal connector
Panel Indicators	5 Status LEDs: Power/Mains, Motor Run, Overhead Full, Reservoir, Half
Dimensions & Environment	Height 3 in x Width 5 in x Thickness 2 in (~76 x 127 x 51 mm) | 0°C to 55°C
Warranty Coverage	24-Month Controller Warranty & 24-Month Sensor Warranty

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