



Technical Specifications R5

Model Name	Robot 433 5.0
Type	AS-99188-433
Region	Global
Manufacturer	AutoStore AS
Measurement	L: 963 mm, W: 700 mm, H: 545 mm (with antenna) L: 38 in, W: 27.6 in, H: 21.5 in (with antenna)
Weight Robot	145 kg (319.7 lbs) with batteries
Weight with Max Load Robot 5.0	180 kg (396.8 lbs)
Max. Load Including Bin	35 kg (77.2 lbs)
Operating Temperature	+2° C to +35° C 35.6° F to 95° F
Operating Humidity	40-90% non-condensing
Cover Material	Aluminum
Speed	3.1 m/s (11 km/h) 10.2 ft/s (6.8 m/h)
Acceleration	0.8 m/s ² (2.6 ft/s ²)
Lift Speed	1.6 m/s (5.24 ft/s)
Voltage	24 VDC
Power Consumption	100 W (during operation)
Interface Charge Contact	Voltage 24 V / Current max. 25 A
Robot Battery	2 x Seal Lead Acid Batteries (12V/105AH)
Max. Charge Current	25 A
Robot Radio Frequency	433.2 -434.79MHZ
Operator Panel	4 switches, 3 LEDs, local emergency stop
RF Power Output	8.5 dBm
IP Class	IP 20