

## OPTIMOW<sup>®</sup> 66H

### ROBOTIC LAWN MOWER



TRUE CONNECTIVITY VIA 4G. FLEET  
MANAGEMENT AND FULL APP CONTROL.



WILL WORK ON MOST PROPERTIES  
UP TO 1 ACRE WITH 2/3 ACRE OF LAWN.



TACKLE HILLS AND SLOPES UP TO  
35 DEGREES.



CAPABLE OF WITHSTANDING THE  
HARSHEST ENVIRONMENTS AND CAN BE  
RINSED OFF WITH A GARDEN HOSE.

CUTTING WIDTH  
8.7 INCH

SLOPE CAPABILITY  
35°

RUN TIME  
140 MINUTES

CHARGE TIME  
40 MINUTES

CUTTING HEIGHT FROM  
2.4 INCH TO 4 INCH

WATER RESISTANT  
IPX5 RATING

REAL-TIME  
4G WIRELESS GPS

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Model	optimow® 33H	optimow® 66H	optimow® 33	optimow® 66	
General					
MSRP	\$1,099.99	\$1,759.99	\$1,099.99	\$1,759.99	
Mower Warranty	2-Year	2-Year	2-Year	2-Year	
Power System					
Battery	24 V/2.0 Ah, Part No. 211022355 24 V/4.0 Ah, Part No. T0100273-00	24 V/2.0 Ah, Part No. 211022355 24 V/4.0 Ah, Part No. T0100273-00	24 V/2.0 Ah, Part No. 211022355 24 V/4.0 Ah, Part No. T0100273-00	24 V/2.0 Ah, Part No. 211022355 24 V/4.0 Ah, Part No. T0100273-00	
Power Supply	100-129 V/29 DC	100-129 V/29 DC	100-129 V/29 DC	100-129 V/29 DC	
Low voltage cable length	33 ft	33 ft	33 ft	33 ft	
Mean energy consumption at Maximum use	10 kWh/month for a working area of 1/3 acre	14 kWh/month for a working area of 2/3 acre	10 kWh/month for a working area of 1/3 acre	14 kWh/month for a working area of 2/3 acre	
Charge Current	1.3 A DC	2.4 A DC	1.3 A DC	2.4 A DC	
Average charging time (using 211022355 battery)	70 Minutes	40 Minutes	70 Minutes	40 Minutes	
Average charging time (using T0100273-00 battery)	130 Minutes	70 Minutes	130 Minutes	70 Minutes	
Average charging time (using 211022355 battery)	70 Minutes	60 Minutes	70 Minutes	60 Minutes	
Average charging time (using T0100273-00 battery)	150 Minutes	140 Minutes	150 Minutes	140 Minutes	
Charger & Charging Time	"3KW (9 Hours to Charge) 7.7KW (4 Hours to Charge)"	"3KW (9 Hours to Charge) 7.7KW (4 Hours to Charge)"	"3KW (9 Hours to Charge) 7.7KW (4 Hours to Charge)"	"3KW (6.5 Hours to Charge) 7.7KW (3 Hours to Charge)"	
Mowing					
Cutting System	Three pivoted cutting blades	Three pivoted cutting blades	Three pivoted cutting blades	Three pivoted cutting blades	
Average power consumption during cutting	25 W ± 20%	25 W ± 20%	25 W ± 20%	25 W ± 20%	
Cutting Heights (in)	2.4-4.0	2.4-4.0	.8-2.4	.8-2.4	
Cutting Width (in)	8.7	8.7	8.7	8.7	
Narrowest possible passage (in)	24	24	24	24	
Max angle for cutting area	35%	35%	35%	35%	
Max angle for boundary wire	15%	15%	15%	15%	
Max length boundary wire	2600 ft	2600 ft	2600 ft	2600 ft	
Max work capacity	7.5" Diameter Cast Aluminum w/Blade Retainer	7.5" Diameter Cast Aluminum w/Blade Retainer	7.5" Diameter Cast Aluminum w/Blade Retainer	7.5" Diameter Cast Aluminum w/Blade Retainer	
Recommended area capacity	0-0.3 acre	.1-.6 acre	0-0.3 acre	.1-.6 acre	
IP Classification					
Mower	IPX5	IPX5	IPX5	IPX5	
Charging Station	IPX2	IPX2	IPX2	IPX2	
Power Supply	IP67	IP67	IP67	IP67	



Radio Frequency Data Sheet

	LTE Cat M1	LTE Cat M1	Short Range Devices (SRD) (Boundary Wire)	Short Range Devices (SRD) (Boundary Wire)	
Frequency Class	Band 2 1900 MHz Band 4 1700 MHz	Band 2 1900 MHz Band 4 1700 MHz	0~148.5 KHz	0~148.5 KHz	
Power Class	Class 3 (23 dBm)	Class 3 (23 dBm)	N/A	N/A	

Dimensions

Weight (lbs)	26.4	26.4	24.2	24.2	
Width (in)	20	20	19.7	19.7	
Height (in)	12.2	12.2	10.3	10.3	
Length (in)	25	25	24.8	24.8	