

# ANNEXURE 2 : Technical Specifications

## Zero S2

### 1P/2L (~2 Meters)

Mode of Operation	-	Autonomous/Remote	<b>Mechanical</b>		
Cleaning principle		Rotating brush at 180 RPM	Weight	Kg.	25
Type of Cleaning	-	Dry/Wet	Number of drive wheels	Nos	4
Brush Material	-	Nylon Composite	<b>Environmental Conditions</b>		
Cleaning Speed	m/minute	10	Temperature		0 to 60C
Cleaning Capacity (single charge)	KW	500	Protection		IP 65
Tilt angle	Deg	upto 15 Degree	<b>Warranty</b>		
<b>Electrical</b>			Standard	Years	1
Motor Drive type		Brushless Direct Current ( BLDC)	Extendable	Years	5
Controller type		ARM Cortex - M3 based Microcontroller	Additional feature	-	Emergency stop, local manual operation,
Battery Type		Lithium-Iron Phosphate			
Battery Capacity(Max)	Ah	20 AH			
Battery Discharge cycle	Nos	>3000			
Battery Charge Time(Max)	Hrs	4 Hrs			
Battery Backup time(Max)	Hrs	3.5 Hrs			
Charging	-				