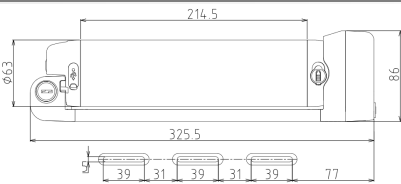






# Datasheet ES036005-01

## Lithium Battery 36V / 5.2Ah (NMC)

<b>Battery specifications</b>	
Model	ES036005-01
Chemistry	Lithium-Ion (NMC)
Cycle life	>400 (80% DOD)
Warranty	2 years (if less 400 cycles)
<b>Output (Discharge)</b>	
Nominal Voltage	36.0 V
Capacity	5.2Ah / 187Wh
Continue Output Current	12A
Overcurrent protection	55A ±10A (delay 47ms ±20ms)
Temp. Discharge	-10°C to +60°C
Output port	Cable on docking station
<b>Input (Charge)</b>	
Max Charge Voltage	42.0 V
Max charge current	5 A
Temp. Charge	0°C to +40°C
Charging mode	CC-CV
Input port	DC Jacket 5.5x2.1 mm
<b>Dimensions</b>	
Length	325.5 mm
Width	80 mm
Height	86 mm
Cable length	1000mm
Weight	1.7 kg
	
<b>Environmental</b>	
Enclosure	Aluminum casing with plastic caps (Color: Black) including docking
Ingress protection	IP 44
Temp. Storage	0°C to +40°C (Capacity 80%)
Features	Detachable, key slot, USB port, Button for capacity check
<b>Safety</b>	
Protections	Temperature / Over (dis) charge / Short-circuit / Overcurrent
<b>Compliance</b>	
Certifications	UN38.3 / MSDS / CE

<b>Accessories</b>		
ES2400003	Charger Li-ION 36V / 4A (42V Charge) DC Jacket output	

 EmergoStar B.V.  
Informaticastraat 20  
4538 BT Terneuzen  
The Netherlands

 085 - 2011820

 info@emergostar.com  
www.emergostar.com

Member of Emergo Company