

# Technical Specifications

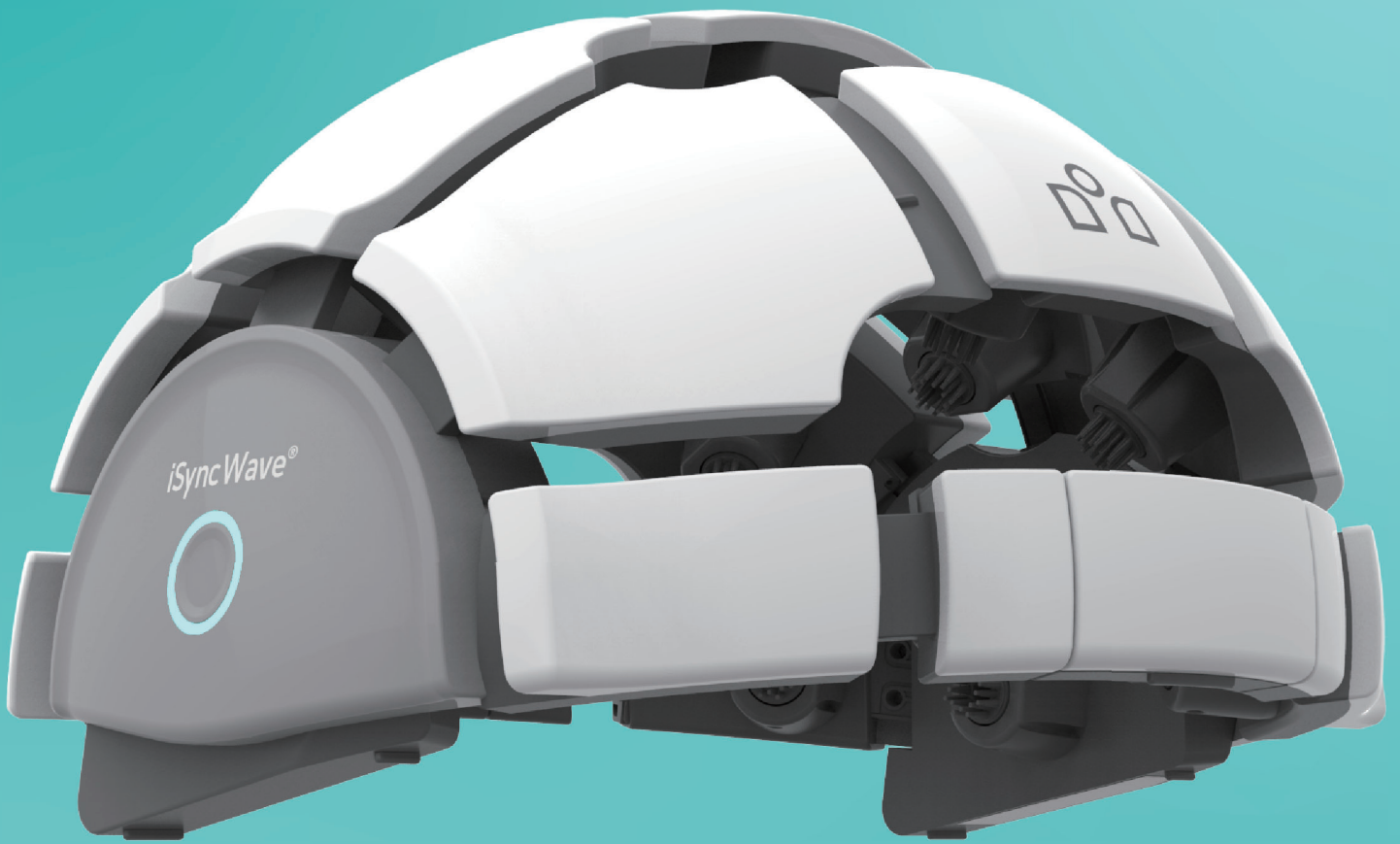
## iSyncWave™



	Parameters	Values
<b>EEG &amp; HRV</b>	Size	
	Weight	1600 g
	Dimensions	245(L) x 243(W) x 153(H) mm
	Head Circumference	50 cm ~ 62 cm
	Channels	
	EEG	19 EEG Channels + 1 Fpz Ground Channel
	Auxiliary	Right: 1 PPG Channel / Left: A1 Reference Channel
	EEG Electrode	Dry-Type Ag/AgCl-Coated Conductive Polymer
	Power	
	Battery	Rechargeable Li-Ion Battery
	Charging	USB-C Type with 5V/2A Adapter
	Charging Time	132 Min
	Runtime	7 Hours
	Amplifier	
	Bandwidth	0.5 ~ 50 Hz
	Sampling Rate	250 Hz
	Special Design	Analog Front End (AFE)
	A/D Converter	24 Bit
	Connectivity	
	Bluetooth	Bluetooth® v 5.0 (LE up to 2Mbps)
<b>LED</b>	Irradiance Source	19 LED Bulbs (Built-in the center of each EEG electrode)
	Wavelength	Near-Infrared 850 nm
	Pulse Rate	1 ~ 45 Hz (Adjustable in 1Hz Increments)



	Parameters	Values
<b>Software</b>	Name of Software	iSyncWave™
	Compatible Devices	Samsung Galaxy Tab S4, S6(5G, Lite), S7(+, FE 5G) Samsung Galaxy Tab A (2016) / Active Pro, 2, 3
	OS	Android 8 or Above
	Minimum Requirements	
	CPU	Octa-Core / 2.3 GHz, 1.7 GHz
	RAM	4 GB
	Recommended Requirements	
	CPU	Octa-Core / 3.09 GHz, 2.4 GHz, 1.8 GHz
	RAM	12 GB



# Just 10 min.

## Overcome Mental Pandemic with AI Brain Mapping and LED Therapy



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