

UGL-3C

Detector Parameter:

Natural Frequency	5Hz
Sensitivity	190 V/m/s
Frequency Range	0.15~1600Hz

Physical Indicators:

Size	Φ129.3mm, H211.5 mm
Weight	<2.2 kg (with battery without cone)
Waterproof	IP67
Operation Temperature	-40℃~85℃

Electronics Indicators:

Channels	3-Channels (built-in three-component sensor)
Endurance	Built in battery, typical working conditions, with a range of 20 days (4G transmission mode). External battery can achieve year-round non-stop and ultra long battery life
Synchronization Accuracy	$\leq 1 \mu\text{s}$ (After GPS signal lock)
AD Converter	32Bit ADC
Preamplifier Gain	0dB, 6dB, 12dB, 18dB, 24dB, 30dB, 36dB
Sampling Interval	4ms, 2ms, 1ms, 0.5ms, 0.25ms
Maximum Input	5 V
Dynamic Range	123dB (1ms Sampling Interval, 0dB Preamplifier Gain)
Noise Level	0.11 μV RMS (1ms Sampling Interval, 36dB Preamplifier Gain)
Common-mode Rejection	>110dB (1ms Sampling Interval, 0dB Preamplifier Gain)
Harmonic Distortion	<-122dB (1ms Sampling Interval, 0dB Preamplifier Gain)

Charging and Data Recovery Cabinet

Number of Channels	6 Channels(Charging and data recovery at same time)
Weight	5 kg
Size	360mm*280mm*180mm
Data Transmission Interface	RJ45 Ethernet
Charging Current	Single Channel Max 4A, 6 Channels Max 24A
Input Power	220V/110V AC, Max Current 3A, Max Power 700W