

DATA LOGGERS

Simple Logger® II 4-Channel *Bluetooth* Edition

Model L264

Four channel logger with AC/DC voltage inputs that directly measure and record up to 600V

► SPECIFICATIONS

MODEL	L264
ELECTRICAL	
Channels	Four
Input Connection	Five recessed 4mm banana jacks
Input Range	0 to 600VAc/dc
Accuracy (50/60Hz)	0 to 5V unspecified 5 to 50V: ±(0.5% of Reading + 1V) 50 to 600V: ±(0.5% of Reading + 0.5V)
Input Impedance	16MΩ
Sample Rate	64 samples/cycle
Storage Rate	Programmable from 125ms to 1 per day
Storage Modes	Start/Stop, FIFO, Extended Recording Mode (XRM™) and Store on Alarm
Recording Length	15 minutes to 8 weeks, programmable using DataView®
Memory	1,000,000 measurements (2MB). The recorded data is stored in non-volatile memory and will be retained even if the battery is low or removed.
Communication	<i>Bluetooth</i> connection (communicates up to 30ft)
Power Source	4 x 1.5V C-cell Alkaline batteries (included)
Battery Life	Up to 180 days (dependent on storage rate/recording length)
MECHANICAL	
Dimensions	5.904 x 5.904 x 3.568" (150 x 150 x 91mm)
Weight (with battery)	2.1lbs (0.95kg)
Case	UL94-V0
Vibration	IEC 68-2-6 (1.5mm, 10 to 55Hz)
Shock	IEC 68-2-27 (30G)
Drop	IEC 68-2-32 (1m)

► PRODUCT INCLUDES

Bluetooth USB adapter, set of 5 color-coded (4 red/1 black) 5ft leads with color-coded alligator clips, twelve color-coded input ID markers, mounting hardware, 4 x 1.5V C-Cell Alkaline batteries, USB cable for firmware updates, and USB drive supplied with DataView® software and user manual.



TRMS



cover closed



► FEATURES

- TRMS voltage recording up to 600VAc/dc
- 64 samples per cycle
- Programmable storage rates from 8 per second to 1 every day
- 4 user selectable storage modes
- Stores up to 1,000,000 measurements in non-volatile memory
- Powered by standard Alkaline batteries for a period of up to 180 days
- Lightweight, compact, fits anywhere
- 6 LED indicators quickly and clearly display logger status
- Includes FREE DataView® software for data storage, real-time display, analysis and report generation
- Includes set of 5 color-coded (4 red/1 black) 5ft leads with color-coded alligator clips
- Wireless *Bluetooth* data communication (Class 2 *Bluetooth* module included)
- Safety Ratings 600V CAT IV; 1000V CAT III

► APPLICATIONS

- Single/split phase and poly phase voltage monitoring
- Neutral and ground voltage monitoring
- Intermittent problem detection
- Harmonic voltage monitoring using DataView® software
- Residential power monitoring
- DC voltage monitoring

CATALOG NO.	DESCRIPTION
2126.23	Simple Logger® II Model L264 (4-Channel, TRMS, <i>Bluetooth</i> , 600VAc/dc, DataView® software)

DATA LOGGERS

Probe Selection Chart

AEMC MODEL NUMBER	AEMC CATALOG NUMBER	PROBE OUTPUT	PROBE RANGE	MAX RANGE FOR SLII	CABLE DIAMETER	BUS BAR SIZE	OUTPUT CONNECTION	USED WITH LOGGER MODEL	NOTES
MN261	2115.82	100mV/AAC 10mV/AAC	0.1 to 24AAC 0.5 to 240AAC	10AAC 100AAC	0.78" (19.8mm)	N/A	Lead w/BNC	L101 L102 L562	—
JM830A	2110.83	0.333mA/AAC	1 to 2400A	2400A	2.52" (64mm)	1.97 x 5.31" (50 x 134.87mm)	Lead	L111	—
JM861	2110.90	10mV/AAC 1mV/AAC 0.1mV/AAC	1 to 30AAC 1 to 300AAC 1 to 3000AAC	30AAC 300AAC 3000AAC	2.52" (64mm)	1.97 x 5.31" (50 x 134.87mm)	Lead w/BNC	L101 L102 L562	—
MF 300-6-2-10	2126.81	100mV/AAC 10mV/AAC	30AAC 300AAC	10AAC 100AAC	1.77" (44.96mm)	2.25 x 0.75" (57.15 x 19.05mm)	Sensor w/BNC	L101 L102 L562	—
300-24-2-1	2112.88	100mV/AAC 10mV/AAC	5 to 30A 5 to 300A	10A 100A	8" (203.2mm)	N/A	Sensor w/Banana Plugs	L101 L102 L562	Must use adapter # 2118.46
1000-24-1-1	2112.39	1mV/AAC	5 to 1000A	1000A	8" (203.2mm)	N/A	Sensor w/Banana Plugs	L101 L102 L562	Must use adapter # 2118.46
1000-24-2-1	2112.98	10mVAC 1mV/AAC	5 to 100A 5 to 1000A	100A 1000A	8" (203.2mm)	N/A	Sensor w/Banana Plugs	L101 L102 L562	Must use adapter # 2118.46
1000-36-2-1	2113.00	10mVAC 1mV/AAC	5 to 100A 5 to 1000A	100A 1000A	11" (279.4mm)	N/A	Sensor w/Banana Plugs	L101 L102 L562	Must use adapter # 2118.46
3000-24-2-0.3	2114.87	3.3mV/AAC 0.3mV/AAC	5 to 300A 5 to 3000A	300A 3000A	8" (203.2mm)	N/A	Sensor w/Banana Plugs	L101 L102 L562	Must use adapter # 2118.46
6000-36-2-0.1	2113.21	1mV/AAC 0.1mV/AAC	5 to 600A 5 to 6000A	600A 6000A	11" (279.4mm)	N/A	Sensor w/Banana Plugs	L101 L102 L562	Must use adapter # 2118.46
30000-24-2-0.1	2113.33	1mV/AAC 0.1mV/AAC	5 to 3000A 5 to 30,000A	1000A 10,000A	8" (203.2mm)	N/A	Sensor w/Banana Plugs	L101 L102 L562	Must use adapter # 2118.46
MN01	2129.17	1mA/AAC	2 to 150A	150A	0.39" (9.9mm)	N/A	Lead	L111	—
MN02	2129.20	1mA/AAC	50mA to 100A (1Ω) 50mA to 90A (10Ω)	100AAC	0.39" (9.9mm)	N/A	Lead	L111	—
MN03	2129.18	1mV/AAC	2 to 100AAC	100AAC	0.47" (11.94mm)	N/A	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46
MN93-BK	2140.32	5mV/AAC	2 to 240AAC	200AAC	0.8" (20.32mm)	N/A	Proprietary	L104 L564	—
MN193-BK	2140.36	200mV/AAC 10mV/AAC	5 to 100AAC	5A 100A	0.8" (20.32mm)	N/A	Proprietary	L104 L564	—
MN251	2115.77	1mV/AAC	0.5 to 240A	240AAC	0.78" (19.81mm)	N/A	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46
MN255	2115.81	100mV/AAC 10mV/AAC	0.1 to 24AAC 0.1 to 240AAC	10AAC 100AAC	0.78" (19.81mm)	N/A	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46

AEMC MODEL NUMBER	AEMC CATALOG NUMBER	PROBE OUTPUT	PROBE RANGE	MAX RANGE FOR SLII	CABLE DIAMETER	BUS BAR SIZE	OUTPUT CONNECTION	USED WITH LOGGER MODEL	NOTES
MN313	2116.25	1mA/Aac	0.1 to 200A	200Aac	0.78" (19.8mm)	0.79 x 0.2" (20.06 x 5.08mm)	Lead	L111	—
MN353	2116.27	10mV/Aac	0.1 to 150A	100Aac	0.78" (19.8mm)	N/A	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46
MN373	2116.28	1000mV/Aac 10mV/Aac	0.01 to 2.4Aac 0.1 to 200Aac	1Aac 100Aac	0.78" (19.8mm)	N/A	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46
MN375	2115.41	100mV/Aac	0.1 to 10A	10Aac	0.78" (19.8mm)	N/A	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46
MN379	2153.01	200mV/Aac 10mV/Aac	5Aac 100Aac	5Aac 100Aac	0.78" (19.8mm)	N/A	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46
SR193-BK	2140.33	1mV/Aac	1 to 1200A	1000Aac	2" (50.8mm)	N/A	Proprietary	L104 L564	—
SR604	2113.44	1mA/Aac	0.1 to 1000A	1000Aac	2.05" (52.07mm)	N/A	Lead	L111	—
SR661	2113.49	1mV/Aac 10mV/Aac 100mV/Aac	1000Aac 100Aac 10Aac	1000Aac 100Aac 10Aac	2.13" (54.1mm)	N/A	BNC	L101 L102 L562	—
SR752	2116.32	1mV/Aac	100mA to 1000A	1000Aac	2.05" (52.07mm)	1.96 x 0.19" (49.78 x 4.83mm)	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46
SR759	2116.33	1000mV/Aac 100mV/Aac 10mV/Aac 1mV/Aac	1mA to 1Aac 10mA to 10Aac 0.1 to 100Aac 1 to 1000Aac	1Aac 10Aac 100Aac 1000Aac	2.05" (52.07mm)	1.96 x 0.19" (49.78 x 4.83mm)	Lead w/Banana Plug	L101 L102 L562	Must use adapter # 2118.46



Banana (female) BNC (male) (XM-BB)

Catalog #2118.46
(optional for AmpFlex® & FlexProbe® Flexible Current Probes)