

## NEW BMS SYSTEM! WIRELESS DETECTION OF BAD CELLS.

Professional individual voltage measurements of all cells during a complete discharge, provide a perfect evaluation of the battery. Ordinary capacity systems only display the total voltage and capacity of the battery, but never the results of the individual cell. **With this BMS you get a clear overview of the performance of each cell, allowing you to make an exact evaluation.**

### THE BMS SYSTEM OFFERS

- Duration test during the entire discharge process
- Real-time monitoring
- Analysis function by means of the supplied software
- No tangled up wires thanks to the easy wireless connection
- Crystal-clear overview of the battery capacity
- Data displayed as a number or in a line chart

The system consists out of a number of voltage detectors that is equal to the number of cells. The sensors transfer the voltage of each cell, wireless to the receiver (best to be performed during **a complete** discharge process). The receiver, connected to a PC, collects the data.

If you use this system in combination with our BDX battery discharger or Battery Regenerator REPLUS you will be able to detect the faulty element and increase the battery's capacity.

Thanks to the software program that is supplied with the sensors you can now easily detect which element is no longer keeping its charge and needs to be replaced or regenerated. The software checks the actual voltage of each sender every 3 minutes and stores this value in a table. Color codes indicate the charge condition of each cell (empty to full) continuously, as a result of which the performance curves are very detailed.

*Free analyse software and indication of the bad element*

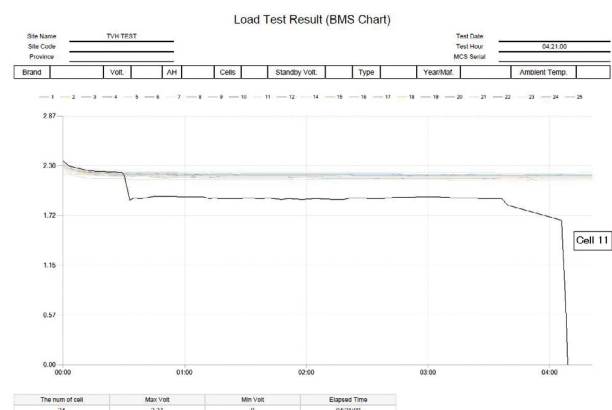
REF	Content
<b>141TA5241</b> 12 V - 120 V	10 sensors* + 1 receiver
<b>141TA1479</b> 48 V	24 sensors** + 1 receiver
<b>141TA1480</b> 80 V	40 sensors** + 1 receiver

\* each sensor measures 1 battery of 12 V

\*\* each sensor measures 1 cell of 2 V



Cell No	00:00	00:03	00:06	00:09	00:12	00:15	00:18	00:21	00:24	00:27	00:30	00:33	00:36	00:39	00:42	00:45	00:48	→3min
#1	2.11	2.11	2.04	2.02	2.02	2.01	2.01	2.00	2.00	2.00	2.00	2.00	1.99	1.99	1.98	1.98	1.98	
#2	2.13	2.13	2.05	2.05	2.03	2.03	2.03	2.02	2.02	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	
#3	2.14	2.14	2.06	2.06	2.04	2.04	2.04	2.03	2.02	2.02	2.02	2.02	2.02	2.01	2.00	2.00	2.00	
#4	2.14	2.14	2.03	2.02	1.99	1.99	1.98	1.97	1.96	1.96	1.96	1.95	1.94	1.94	1.94	1.93	1.93	
#5	2.16	2.16	2.01	2.00	1.98	1.98	1.98	1.96	1.95	1.95	1.94	1.93	1.93	1.92	1.92	1.91	1.91	
#6	2.13	2.13	2.01	2.00	1.97	1.96	1.96	1.95	1.94	1.94	1.93	1.93	1.93	1.92	1.92	1.91	1.91	
#7	2.13	2.13	2.02	2.01	1.98	1.98	1.98	1.98	1.97	1.97	1.97	1.96	1.96	1.96	1.96	1.95	1.95	
#8	2.10	2.10	2.02	2.01	2.00	2.00	1.99	1.98	1.98	1.97	1.97	1.97	1.96	1.96	1.96	1.96	1.96	
#9	2.15	2.15	2.01	2.00	1.97	1.96	1.96	1.95	1.95	1.94	1.94	1.93	1.93	1.92	1.92	1.92	1.91	
#10	2.15	2.15	1.98	1.96	1.92	1.92	1.91	1.89	1.88	1.87	1.86	1.86	1.85	1.84	1.83	1.83	1.83	
#11	2.10	2.10	1.91	1.89	1.84	1.83	1.82	1.80	1.79	1.77	1.73	1.73	1.71	1.68	1.65	1.61	1.58	
#12	2.14	2.14	1.96	1.96	1.92	1.92	1.91	1.89	1.88	1.87	1.86	1.85	1.84	1.83	1.82	1.81	1.80	
Sum	20.58	20.59	24.14	24.01	23.67	23.63	23.58	23.42	23.34	23.28	23.22	23.14	23.08	22.99	22.94	22.85	22.74	
Avg	2.13	2.13	2.01	2.00	1.97	1.97	1.97	1.95	1.95	1.94	1.94	1.93	1.92	1.92	1.91	1.90	1.90	



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