

[®] **ANALYZER X1a-X3a-X6a**



X1a



X3a



X6a

MADE IN USA BY: **W & W Manufacturing Co.**

X1a X3a X6a Preliminary Specifications

	X1a	X3a	X6a
Number of stations	1	3	6
Standard Tests:	Stations		
Charge only	1	3	6
Discharge only	1	3	6
Cycle : 1, 2, 3	1	3	6
Auto	1	3	6
Condition	1	3	6
Impedance	1	1	1
Battery Voltage: (X3 & X6)	2.4V to 15V (Nickel) Max. Number of cells: Nickel based : 12 cells, Li-ion: 4 cells, 14.8V		
Battery Voltage: (X1)	2.4V to 36V (Nickel) Max. Number of cells: Nickel based : 30 cells, Li-ion: 5 cells, 18.5V		
Charge/Discharge current:	(X1a & X3a & X6a) 100mA to 4A (for X1 ,to 2A) in 50mA steps,		
Maximum charge power :	X1	72W/station,	
	X3	55W/station, 60W total	58W/station, 100W total
	X6	55W/station, 120W total	58W/station, 200W total
Maximum Discharge power:	X1	30W/station	
	X3	25W/station, 75W total	25W/station, 75W total
	X6	25W/station, 150W total	25W/station 150W total
Power Management:	The X3 & X6 automatically regulates which station will receive max. Power during high pwr demands.		
Chemistries:	Li-ionon, Li-polymer, NiCD and NiMH		
Charge and End of Charge Detection Protocols:	Li -ion, Constant current - Constant voltage Detection is achieved at C/11. Where (C) = capacity of Batt. * Nickel based battery: Constant current, with negative delta V Detection.		
Display: 20x2 Backlit LCD	1	3	6
Battery Adapters:	Quick Connect Adapter Cups for ease of changing Adapters (No tools required) Five Memory locations, each can be programmed for Li-ion, NiCD or NiMH Fifth memory location is field programmable, for all parameters		
Data Ports:	USB interface to P.C. And Serial Printer		
Line Voltage:	100 TO 240 VAC 50 to 60 Hz		
Input Current:	2 A		
Output:	X1 52V@1.93A	X3 24V@2.5A	X6 24V@4.16A
Dimensions and Weight:	X1	X3	X6
Hight	3.5"(85.78mm)	4.5"(110.25mm)	4.5"(110.25mm)
Width	7"(171.5mm)	13"(318.5mm)	24.5"(622.3mm)
Depth	9"(220.5mm)	9"(220.5mm)	9"(220.5mm)
Weight	4.11lb(1.678kg)	6.5lb(2.96kg)	11.3lb(5.2kg)
Options Available:	P.C. Software, Serial Printer, Universal Adapter and Power Supply (24V@4.16A)		

070217 All Specifications are subject to change without notice.