AvionTEq

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RF80-M vs. RF80-K Product Comparison

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	RF80-M	RF80-K
Input Power	208/230 VAC (187-253), Single Phase, 23a Max, 50/60 Hz	208/230 VAC (187-253), Single Phase, 23a Max, 50/60 Hz
Charge Current Output	2-80 amps ReFLEX, 1-65 amps Constant Current, Constant Potential	2-80 amps ReFLEX, 1-65 amps Constant Current, Constant Potential
Discharge Current Output	1.0-60 amps Constant Current	1.0-60 amps Constant Current
Dimensions	18.55 in. (47.12cm) X 21.50 in. (54.61 cm) X 11.00 in. (27.94 cm)	18.55 in. (47.12cm) X 21.50 in. (54.61 cm) X 11.00 in. (27.94 cm)
Weight	145 pounds (65.90 kg)	145 pounds (65.90 kg)
Charge Methods	ReFLEX	ReFLEX
	Constant Current	Constant Current
	Multi-Step Constant Current, up to 16 steps, and rate/time	2-Step Constant Current, fixed C/2, C/5 rate, fixed main/top charge time
	Constant Potential	Constant Potential
Charge Termination Methods	Time	Time Only
	Volts	Not available
	Time or Volts	Not available
	Time and Volts	Not available
Discharge Modes	Time	Time
	Volts	Volts
	Deep Cycle	Deep Cycle
Operating Modes	Manual Mode	Manual Mode Only
	Program Mode, stores up to 100 programs	Not available
	Top Charge	Top Charge
	Multi-Step Charge	2-Step Charge
	Discharge	Discharge
	Analyze	Analyze
	Wait	Wait
	Deep Cycle	Deep Cycle
User Interface	**7 Inch Color HMI/Touch-Screen**	Manual Selector Switches, Thumbwheel Timers, Rotary Potentiometers
Audible & Visual Alerts	**Notifies Operator when Task is Complete**	Not available
Programmable Alert	**User may program alert to check voltage/temp and water battery**	Not available
Enhanced Safety Features	**Built-in limits for charge/discharge current vales, times/termination**	Not available
Optional ABMS-10X PC Interface	**Expandable for individual cell monitoring, temp sensing and data logging**	Requires AB3000 Controller with ABMS-8 Battery Management System
Upgrade Capability	**Software updates can be easily loaded in field with USB drive**	Not available
Warranty	1-Year	1-Year
Transit Case	Optional Transit Case at extra cost	Optional Transit Case at extra cost
Certification	CE tested and certified to international standards	CE tested and certified to international standards