



# CONTROL FEATURE COMPARISON

Ferroresonant Family: AC150, AC1000 and AC2000

SCR Family: SCR1000, SCR2000 (POWER STAR & POWER STAR PLUS) and UC2000 (ULTRA CHARGE & ULTRA MAXX)

HF Family: EC2000 (Eclipse II & Eclipse II PLUS & Eclipse Extreme)

CONTROL FEATURES	FERRO CONTROLS			POWER STAR		ULTRA	ECLIPSE II
	AC150	AC1000	AC2000	SCR1000	SCR2000	UC2000	EC2000
Automatic start/stop	X	X	X	X	X	X	X
Modular Design for interchangeability	X	X	X	X	X		
Five-second safety delay after connection.	X	X	X	X	X	X	X
Universal control for 6, 12, 18, 24 and 36 cell	X	X	X				X
Universal control for all AH capacity batteries	X	X	X	X	X	X	X
Digital display, Alpha Numeric display	X	X	X	X	X	X	X
LED lamp test	X	X	X	X	X	X	X
Maximum over and undercharge protection (pt/dv/dt) termination		X	X	X	X	X	X
Voltage/time charge termination	TIME	X	X	X	X	X	X
Delayed Start Capability		X	X	X	X	X	X
Time of Day Start capability			X		X	X	X
Time of Day Block-out capability			X		X	X	X
Push to start capability		X	X		X	X	X
<b>CHARGE CYCLE REVIEW</b>							
One touch review of charge cycle information		X	X	X	X	X	X
Ampere hours returned to the battery recorded		X	X	X	X	X	X
Battery Voltage at Start & Finish recorded		X	X	X	X	X	X
Battery Amperage at Start & Finish recorded		X	X	X	X	X	X
Open Circuit Voltage recorded		X	X	X	X	X	X
Charge Termination Code recorded		X	X	X	X	X	X
Elapsed charging time recorded		X	X	X	X	X	X
Review data during charge cycle			X		X	X	X
<b>CHARGE STATUS INDICATORS</b>							
Low current shutdown signaled by display or LED indicators		X	X	X	X	X	X
0-80% backup timer signaled by display or LED indicators		X	X	X	X	X	X
80%-end backup timer signaled by display or LED indicators		X	X	X	X	X	X
Manual stop signaled by display or LED indicators	X	X	X	X	X	X	X
AC power applied indication	X	X	X	X	X	X	X
Selectable display or readout during the charge cycle			X				
80% charged LED		X	X	X	X	X	X
Charge complete LED	X	X	X	X	X	X	X
Equalize in progress LED		X	X	X	X	X	X
<b>CHARGING FUNCTIONS</b>							
Battery forming, programmable (0-30 cycles)		X	X	X	X	X	X
Fault lockout capability		X	X		X	X	X
New battery recognition during an AC power failure		X	X	X	X	X	X
AC fail recovery protection	X	X	X	X	X	X	X
Adjustable 80% point		X	X	X	X	X	X
Battery/charger voltage mismatch discrimination, (hi/lo batt)		X	X	X	X	X	X
Full Battery Reject		X	X	X	X	X	X
Low battery voltage override		X	X	X	X	X	X
Battery/charger disconnect shutdown		X	X	X	X	X	X
Back-up timer protection		X	X	X	X	X	X
Refresh charge programmable (8-99 hours)		X	X	X	X	X	X
Extended Run time, programmable ( 0-60 minutes)		X	X	X	X		X
Cool Down time, programmable ( 0-8 hours)		X	X	X	X	X	X
2 x's input voltage protection	X	X	X	X	X	X	X
Push-button stop	X	X	X	X	X	X	X
DataLink II system compatibility			X	X	X	X	X
Battery I.D. programming capability			X		X	X	X
High Current Shutdown protection			X	X	X	X	X
Password protection of features settings			X		X	X	X
30 Cycles of archived charge cycle data retained				X			X
99 Cycles of archived charge cycle data retained			X		X		X
500 Cycles of archived charge cycle data retained							X
Remote Display Connectivity			X		X	X	X
Fully automatic multi cell size operation (can set for manual operation)						X	X
Manually adjustable multi amp-hour operation (automatic w/BID)				X	X	X	X
Adjustable temperature compensation (automatic w/BID)				X	X	X	X
Programmable Start Amps					X	X	X
No Gassing Feature					X	X	X
Amp Hour Accumulator Interface						X	X
Battery Disconnect Shutdown Defeat	X						
Staggered AC Fail Restore			X	X	X	X	X
Selectable output profiles (automatic w/BID)				X	X	X	X
Wireless Connectivity			X		X	X	X
Opportunity & Fast Charge Capable					X	X	X
<b>EQUALIZE FUNCTIONS</b>							
Auto equalize by BID cycle			X	X	X	X	X
Manual equalize push-button		X	X	X	X	X	X
Automatic equalize by cycle adjustable		X	X	X	X	X	X
Automatic day of week equalize			X		X	X	X