

## SPECIFICATIONS

P/No.	IC700	IC1000	IC1500	IC2500	IC3500	IC5000	IC800-24
Type	7 stage	7 stage	7 stage	7 stage	7 stage	7 stage	7 stage
Input (Nominal)	240VAC, 50Hz	240VAC, 50Hz	240VAC, 50Hz	240VAC, 50Hz	240VAC, 50Hz	240VAC, 50Hz	240VAC, 50Hz
Input Power	216W	288W	408W	792W	1080W	1488W	480W
Output Voltage	12V	12V	12V	12V	12V	12V	24V
Output Current	7A	10A	15A	2, 6, 12, 25A	2, 8, 16, 35A	2, 6, 12, 25, 50A	2, 4, 6, 8A
Minimum Start Voltage	2.5V	2.5V	2.5V	2.5V	2.5V	2.5V	4.5V
Back Drain	1mA	1mA	1mA	1mA	1mA	1mA	1mA
<b>CHARGE CONTROL</b>							
Desulphation	High Frequency Pulse charge up to 11V						
Soft Start	3.5A up to 12V	5.0A up to 12V	7.5A up to 12V	Half the rated set current up to 12V	Half the rated set current up to 12V	Half the rated set current up to 12V	Half the rated set current up to 24V
Bulk	7A up to: 14.1V (GEL) 14.4V (AGM) 14.7V (WET) 14.7V (CALCIUM)	10A up to: 14.1V (GEL) 14.4V (AGM) 14.7V (WET) 14.7V (CALCIUM)	15A up to: 14.1V (GEL) 14.4V (AGM) 14.7V (WET) 14.7V (CALCIUM)	Set current up to: 14.1V (GEL), 14.4V (AGM), 14.7V (WET), 14.7V (CALCIUM)	Set current up to: 14.1V (GEL), 14.4V (AGM), 14.7V (WET), 14.7V (CALCIUM)	Set current up to: 14.1V (GEL), 14.4V (AGM), 14.7V (WET), 14.7V (CALCIUM)	Set current up to: 28.2V (GEL), 28.8V (AGM), 29.4V (WET), 29.4V (CALCIUM)
Absorption	Constant voltage until current drops to 1.05A	Constant voltage until current drops to 1.5A	Constant voltage until current drops to 2.25A	Constant voltage until current drops to: 2 Amp setting: 0.3A 6 Amp setting: 0.9A 12 Amp setting: 1.8A 25 Amp setting: 3.75A	Constant voltage until current drops to: 2 Amp setting: 0.3A 8 Amp setting: 1.2A 16 Amp setting: 2.4A 35 Amp setting: 5.25A	Constant voltage until current drops to: 2 Amp setting: 0.3A 6 Amp setting: 0.9A 12 Amp setting: 1.8A 25 Amp setting: 3.75A 50 Amp setting: 7.5A	Constant voltage until current drops to: 2 Amp setting: 0.3A 4 Amp setting: 0.6A 6 Amp setting: 0.9A 8 Amp setting: 1.2A
Equalization (Calcium mode only)	Constant current (2.0A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.0A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.2A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.0-3.75A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.0-5.25A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.0-7.5A) up to 16V then hold for 1 hour or 12 hour timeout	Constant current (2.0A) up to 32V then hold for 1 hour or 12 hour timeout
Analysis	Monitors battery for 90 sec						
Recondition	Constant current (1.05A) for 4 hours limited to: 14.1V (GEL) 14.4V (AGM) 16V (WET) 16V (CALCIUM)	Constant current (1.5A) for 4 hours limited to: 14.1V (GEL) 14.4V (AGM) 16V (WET) 16V (CALCIUM)	Constant current (2.25A) for 4 hours limited to: 14.1V (GEL) 14.4V (AGM) 16V (WET) 16V (CALCIUM)	Constant current (0.3-3.75A) for 4 hours limited to: 14.1V (GEL) 14.4V (AGM), 16.0V (WET), 16.0V (CALCIUM)	Constant current (0.3-5.25A) for 4 hours limited to: 14.1V (GEL), 14.4V (AGM), 16.0V (WET), 16.0V (CALCIUM)	Constant current (0.3-7.5A) for 4 hours limited to: 14.1V (GEL), 14.4V (AGM), 16.0V (WET), 16.0V (CALCIUM)	Constant current (0.3-1.2A) for 4 hours limited to: 28.2V (GEL), 28.8V (AGM), 32.0V (WET), 32.0V (CALCIUM)
Float	13.7V	13.7V	13.7V	13.7V	13.7V	13.7V	27.4V
<b>POWER SUPPLY</b>							
Set Voltage	13.8VDC	13.8VDC	13.8VDC	13.8V	13.8	13.8V	27.6V
Maximum Current	7A	10A	15A	25A	35A	50A	8A
<b>BATTERY RANGE</b>							
Deep Cycle	50-140Ah	70-200Ah	85-300Ah	14-500Ah	14-700Ah	14-1000Ah	14-160Ah
Automotive	300-800CCA	450-1000CCA	465-2000CCA	80-3000CCA	80-4200CCA	80-6000CCA	80-1000CCA
Marine	350-900MCA	500-1200MCA	600-2500MCA	110-4200MCA	110-5800MCA	110-8300MCA	110-1300MCA
Types of Batteries	Most types of lead acid batteries including GEL, AGM, WET CELL and CALCIUM						
Size (mm)	182 x 61 x 108	202 x 61 x 108	222 x 61 x 108	210 x 81 x 168	250 x 81 x 168	270 x 81 x 168	190 x 81 x 168
Weight	0.95 Kg	1.15Kg	1.25Kg	2.0 kg	2.6 kg	3.0 kg	1.8 kg

