

Model	EN31220	EN31240	EN31260	EN32430
CHARGER OUTPUT				
Output Current (Maximum)	20A	40A	60A	30A
OUTPUT VOLTAGE RANGE				
Charge	14.2 – 15.5 V			28.4 – 31.0V
Float	13.4 – 13.8 V			26.8 – 27.6V
– Equalize	16.0 V			32.0V
Charging Control	Four stages (Bulk/Absorption/Float/Maintenance)			
	Two stages (Bulk/Absorption)			
	Constant Power Supply (Program setting)			
	Priority Battery Bank Charging			
DC Output Bank	Three (1 fully independent, 2 common with diode isolation)			
Selectable Battery Type	Gel, AGM, Flooded, Lithium, Program			
Standby Current	< 2 mA			
CHARGER INPUT				
AC Input Voltage (Nominal)	90 to 265 VAC			
AC Input Operating Range	207-265 Vac (2.0 A Max) 90-125 Vac (3.8 A Max)	207-265 Vac (3.8 A Max) 90 – 125 Vac (7.7 A Max)	207-265 Vac (5.9 A Max) 90-125 Vac (11.3 A Max)	207-265 Vac (5.9 A Max) 90-125 Vac (11.3 A Max)
AC Input Frequency Range	47 – 63 Hz			
Power Consumption	350W (Full Load)	700W (Full Load)	1050W (Full Load)	1050W (Full Load)
Power Factor Correction	Yes			
Charger Efficiency	> 82%			
PROTECTION AND FEATURES				
Reverse Polarity	Yes, (with user replaceable fuse/s)			
Over Charge	Yes, unit shutdown			
Over Temperature	Yes, unit de-rated and shutdown			
Output Short Circuit	Yes, (with user replaceable fuse/s)			
Cooling	Forced air ventilation (thermo controlled fan)			
Temperature Setting	Hot, Normal, Cold (no sensor connected)			
Battery Temp Sensor Port	RJ12 (standard battery temp. sensor supplied)			
DISPLAY				
LCD Display (with back light)	Charging status, Battery Voltage, Output Current & Fault Codes.			
AC INPUT AND DC OUTPUT CONNECTION				
AC Input Connection	IEC with Supplied 1.2M Power Lead			
DC Output Connection	Heavy Duty Terminal (3 banks) – Pan Heads 6mm Thread			
DC Output Ground	Single Heavy Duty Common Ground Stud			
ENVIRONMENTAL AND OPERATING TEMPERATURE				
Storage Range	-40° to 70° C			
Operating Range	-20° to 60° C			
Humidity	5-95%, relative humidity non-condensing			
Ingress Protection	IP32 (Basic drip proof in vertical orientation)			
Base Unit Weight and Dimensions				
Weight: (kg)	2.4	2.6	4.0	4.0
Dimension: (mm) L x W x H	295 x 206 x 86	295 x 206 x 86	356 x 206 x 99	356 x 206 x 99