

## 12V 20A AC Battery Charger - Dometic Mobile Power (Enerdrive)

	12V 20A Battery Charger	12V 40A Battery Charger	12V 60A Battery Charger	12V 100A Battery Charger	24V 30A Battery Charger
SKU	EN31220	EN31240	EN31260	EN312100	EN32430
CHARGER OUTPUT					
Output Current (Maximum)	20A	40A	60A	100A	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	15.5 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 (Flooded Default)				
Standby Current	< 2 mA			< 5 mA	< 2 mA
CHARGER INPUT					
AC Input Voltage (Nominal)	100,120,220,230,240 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 (7.6 A Max) 90-125 VAC (15.9 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)	1750W (Full Load)	1050W (Full Load)

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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)			Protected, charger shutdown	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			Heavy Duty Terminal (3 banks) – Hex Nuts 8mm Thread	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				

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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	6.4	4
Dimension: (mm) L x W x H	295 x 206 x 86	295 x 206 x 86	356 x 206 x 99	425 x 236 x 102.7	356 x 206 x 99
Optional Accessories	Remote Digital Display / Enerdrive Part Number EN3REM				
Regulatory Compliance	Complies with AS/NZS 60335.2.29 Including Australian deviations.				