



Your trusted partner in the fight against power outages



ZERO DROP PWM
SOLAR CHARGER
TOPOLOGY



WORKING MODE
(INTELLIGENT, HYBRID,
SOLAR)



PV REVERSE
PROTECTION



AUTO SELECTION OF
GRID RECONNECT
BATTERY VOLTAGE



DOUBLE PV VOC
PROTECTION



ISOLATED GATE
DRIVE FOR SOLAR
CHARGER

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Technical Sepecification

Model	850VA	1000VA	1400VA	2000VA
Input (DC)				
BATTERY VOLTAGE	12VDC			24VDC
MAX. BATTERY DISCHARGING CURRENT	78A ± 5A	90A ± 5A	120A ± 5A	90A ± 5A
MAX. BATTERY CHARGING CURRENT	18A ± 3A	20A ± 3A		
SOLAR OPERATING RANGE	(17V - 27V) ±3V	(17V - 27V) ±3V	(17V - 27V) ±3V	(34V - 54V) ±3V
MAX. SOLAR CURRENT	50AMP ± 5A			
MAX. SOLAR POWER	600W(150*4), 665(165*4)	750W(150*5), 825W(165*5)	750W(150*5) , 825W(165*5)	1300W(325*4), 1200(400*3), 1080(540*2)
EFFICIENCY	>97%			
TYPE OF CHARGER	PWM WITH ISOLATED GATE DRIVE			
OUTPUT AC				
NO LOAD OUTPUT VOLATGE	220V - 235V			
O/P FREQUENCY (NO LOAD & FULL LOAD)	50Hz ± 0.5Hz			
POWER RATING	850W	1000W	1400W	2000W
POWER FACTOR	UNITY			
AC INPUT				
NOMINAL MAINS VOLTAGE	230Vac			
NOMINAL FREQUENCY	50Hz			
MAINS RANGE IN WIDE MODE	(90-290V) ± 10V			
MAINS RANGE IN NARROW MODE	(170-270V) ± 10V			
PROTECTIONS				
MAX TEMP.	90°C ± 10°C			
OUTPUT SHORT CKT	ELECTRONIC CURRENT LIMITING			
INPUT SHORT CKT	CIRCUIT BREAKER			
BATTERY SHORT CKT	FUSE			

Note : Because of a policy of continuous product improvement the specification are subject to change without notice.

TRADE ENQUIRY | **TOLL FREE NO.**
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*T&C Apply