



Shenzhen
ZLPOWER Electronics Co., Ltd



Product Series		LW 1000	LW 1500	LW 2000	LW 3000	LW 4000	LW 5000	LW 6000
General Specification	Input Wave form	Sine wave (Utility or Generator)						
	Nominal voltage	120VAC			230VAC			
	Low voltage trip	90v±4%			184v/154v±4%			
	Low voltage reconnect	100v±4%			194v/164v±4%			
	High voltage trip	140v±4%			253v±4%			
	High voltage reconnect	135v±4%			243v±4%			
	Max input AC voltage	150VAC			270VAC			
	Nominal input frequency	50Hz or 60Hz (Auto detect)						
	Low freq trip	47Hz for 50Hz, 57Hz for 60Hz						
	High freq trip	55Hz for 50Hz, 65Hz for 60Hz						
	Output wave form	(Bypass mode) same as input						
	Overload protection	Circuit breaker						
	Short circuit protection	Circuit breaker						
	Transfer switch rating	30amp or 40amp						
	Efficiency on line transfer time	95%+						
	Line transfer time	10ms Typical						
	Bypass without battery connected	yes						
	Max bypass current	30amp or 40amp						
	Bypass overload current	35amp or 45amp: Alarm						
	Inverter Specification Output	Output wave form	Pure sine wave					
Output continuous power watts		1000	1500	2000	3000	4000	5000	6000
Output continuous power VA		1000	1500	2000	3000	4000	5000	6000
Power factor		0.9-1.0						
Nominal output voltage rms		120/230VAC						
Output voltage regulation		10% rms						
Output frequency		50Hz±0.3Hz or 60Hz±0.3Hz						
Nominal efficiency		>88%						
Surge ratings		3000	4500	6000	9000	12000	15000	18000
Short circuit protection		Yes, shutdown after 10ms						
Inverter Specification Input	Nominal input voltage	12V		24V		48V		
	Minimum start voltage	10V		20V		40V		
	Low battery alarm	10.5V		21V		42V		
	Low battery trip	10V		20V		40V		
	High voltage alarm	16V		32V		64V		
	Power saver	Below 25watts when enabled						
	Power saver	Same switched on/off on remote						
Charge Mode Specification	Input voltage range	95-127VAC			194-243VAC/ 164-243VAC(W)			
	Output voltage range	Dependent on battery type						
	Charge current	35A/70A						
	Battery initial voltage for start up	0-15.7v for 12v (*2 for 24v; *4 for 48v)						
	Over charge protection shutdown	15.7v for 12v (*2 for 24v; *4 for 48v)						
Others	Remote control/RS232/USB	Yes, Optional						
	Size: in mm	1000/2000/3000 Model: 442*218*179						
		4000/5000/6000 Model: 598*218*179						
	Net weight	LW1000	LW1500	LW2000	LW3000	LW4000	LW5000	LW6000
	20.00kgs	20.00kgs	20.00kgs	26.00kgs	48.00kgs	48.00kgs	48.00kgs	



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