






**SIMLIFE** Electric

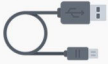



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# SKAN Dlite series product specifications

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\* Disclaimer: All pictures shown are for illustrative purposes only. Actual product may vary due to product enhancements.

Particulars / Product	SKAN Dlite 300	SKAN Dlite 600	SKAN Dlite 1000	SKAN Dlite 1500
<b>Solar panel string specifications</b>				
Nominal Solar power (Wp)	300	600	1000	1500
Maximum allowable solar power	Upto 25% additional over the nominal power			
Max. Solar string input voltage (VOC)	50			
MPPT operating range (V)	20-40		32-40	
Maximum short circuit (A)	9	9	18	27
Rated MPPT voltage (V)	34			
Maximum input current (A)	<9	<9	<18	<27
<b>Inverter specifications</b>				
Max. output apparent power (VA)	300	600	1000	1500
Power Factor	0.8			
Output voltage nominal (V)	230 (+/-5%)			
Output frequency (Hz)	50			
Output connections	1 $\Phi$ , (Phase-Neutral-Earth)			
Protections and features	Overvoltage, Over current, Over load, Galvanically Isolated inverter, Surge, Over Temperature, Short Circuit.			
<b>Battery specifications</b>				
Battery Voltage (V)	12		24	
Capacity (AH)	100 AH to 200 AH			

Particulars / Product	SKAN Dlite 300	SKAN Dlite 600	SKAN Dlite 1000	SKAN Dlite 1500
<b>P V Charger</b>				
Boost charging voltage (V)	14.4		28.8	
Float charging voltage (V)	13.6		27.2	
Max Charging current (A)	20	20	25	40
Technology	MPPT (P&O)			
<b>Grid Charger</b>				
Charger voltage range (V)	160-275			
Grid Frequency (Hz)	47-53			
Boost charging voltage (V)	14.4		28.8	
Float charging voltage (V)	13.6		27.2	
Charging current (A)	5 – 25 (Settable)			
<b>HMI</b>				
Audible alarm	For all manual intervention faults			
LCD display	Refer the LCD section of the manual			
<b>Environmental</b>				
Operating Environment (°C)	0 – 50			
Operating Relative Humidity (%)	10-90			
Operating Elevation (m)	0-1000			
Storage Temperature (°C)	0 – 60			
<b>Applications</b>	Home lighting, fan, Washing machine, TV, Music systems, Mobile charger, Laptop, Desktop			