









SIMLIFE Electric

SKAN Dlite series product specifications

* 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
Solar panel string specifications				
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
Inverter specifications				
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 Φ , (Phase-Neutral-Earth)			
Protections and features	Overvoltage, Over current, Over load, Galvanically Isolated inverter, Surge, Over Temperature, Short Circuit.			
Battery specifications				
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
P V Charger				
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)			
Grid Charger				
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)			
HMI				
Audible alarm	For all manual intervention faults			
LCD display	Refer the LCD section of the manual			
Environmental				
Operating Environment (°C)	0 – 50			
Operating Relative Humidity (%)	10-90			
Operating Elevation (m)	0-1000			
Storage Temperature (°C)	0 – 60			
Applications	Home lighting, fan, Washing machine, TV, Music systems, Mobile charger, Laptop, Desktop			