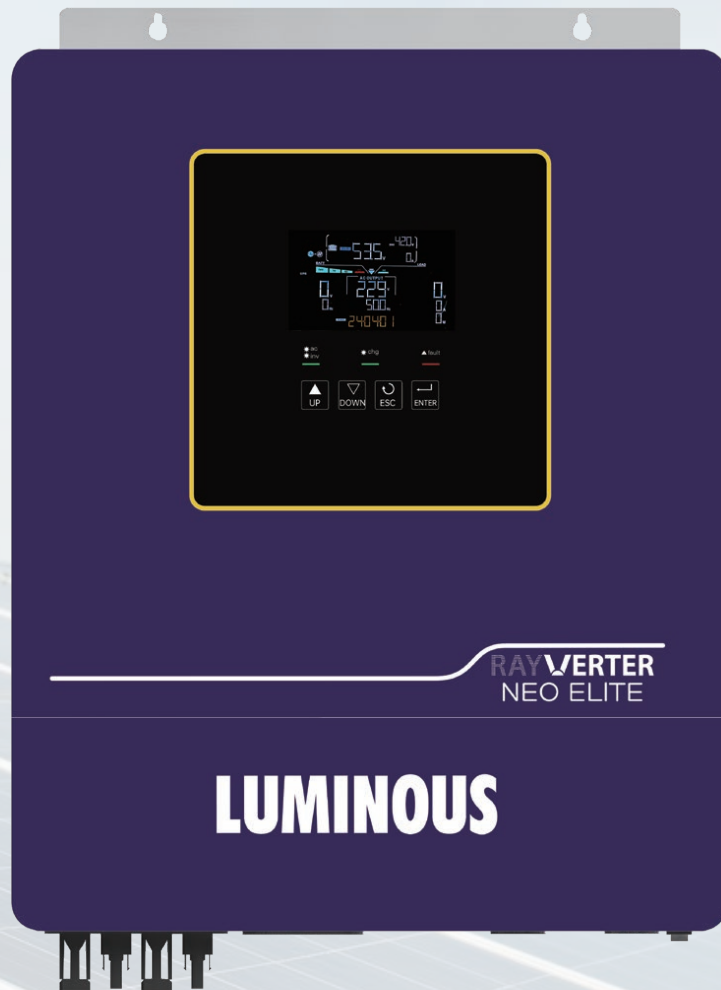


RAYVERTER NEO ELITE



Range Available: 8KVA | 11KVA



Parallel

Parallel operation upto 6 units



Inbuilt Wi-fi

Monitor your smart system on the move via our monitoring App and website



Battery

Battery equalization function
Battery independent operation



BMS

Reserved communication port (RS485,CAN) for BMS



Dual Output

Two outputs for smart load management

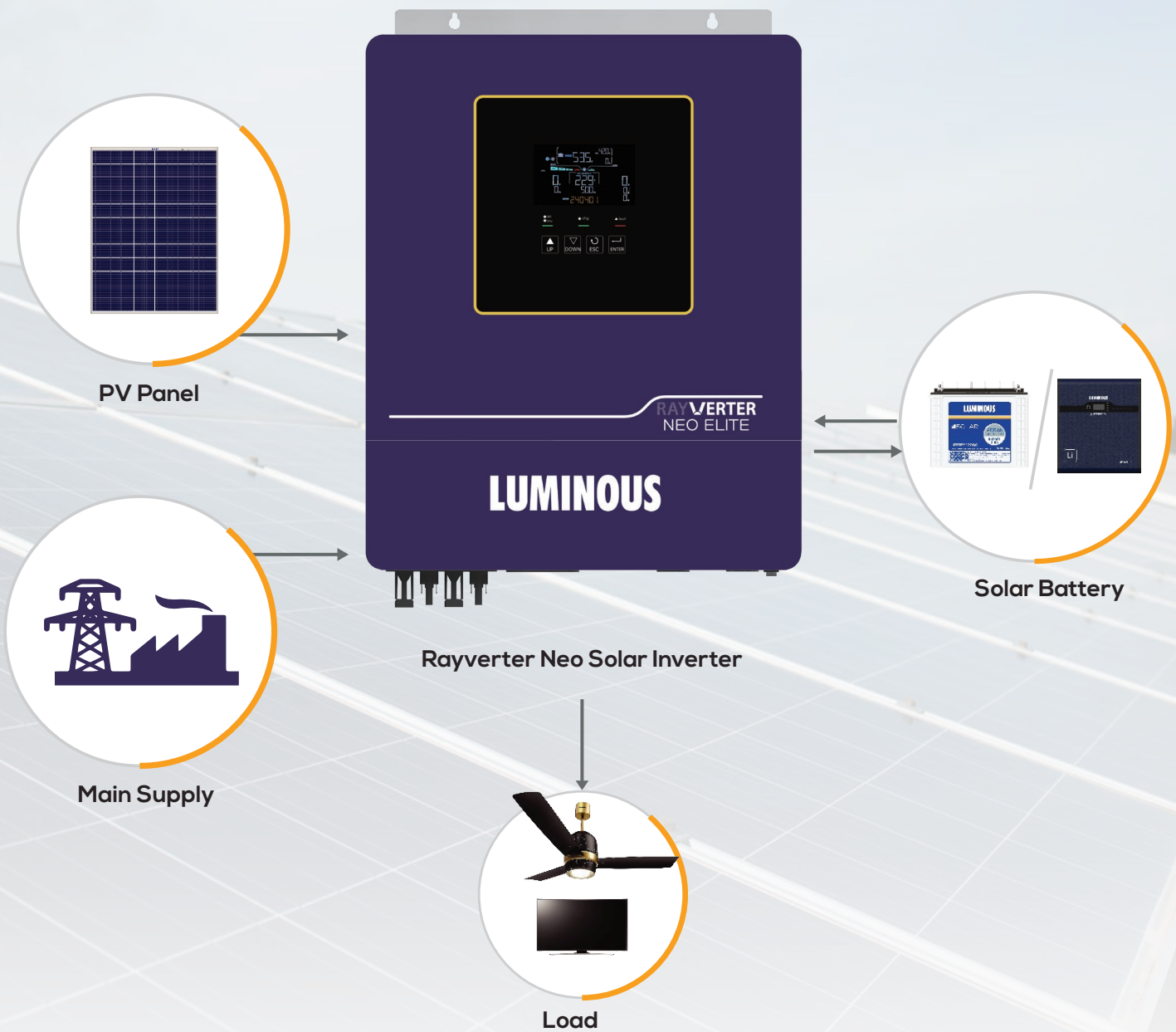


Easy access

Interactive LCD Screen

RAYVERTER NEO ELITE

Schematic Representation



TECHNICAL SPECIFICATION

Technical Specification	Rayverter Neo Elite 8kva/48V	Rayverter Neo Elite 11kva/48V
Rated Power	8000VA/8000W	11000VA/11000W
AC INPUT		
AC Voltage	220/230/240VAC	
Voltage Range	170-280VAC (For Personal Computers); 90-280 VAC (For Home Appliances)	
Frequency Range	50/60Hz (Auto sensing)	
AC OUTPUT		
Surge Power	16000VA	22000VA
Voltage Regulation (Battery Mode)	220VAC/230VAC/240VAC $\pm$ 5%	
Rated frequency	50/60Hz	
Efficiency (Peak)	93%	
Transfer Time	10ms (For Personal Computers); 20ms (For Home Appliances)	
BATTERY		
Battery Voltage	48VDC	
Floating Charge Voltage	54VDC	
Overcharge Protection	63VDC	
Battery type	Lithium/Lead-acid	
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum PV Array Power	11000W (5500W x 2)	13000W (6500W x 2)
MPPT voltage range(V)	60~450VDC	
Maximum input current	27A x 2 (MAX 40A)	
MPPT tracker/strings	2	
Maximum solar charge current	120A	150A
Maximum AC charge current	120A	150A
Maximum charge current	120A	150A
PROTECTION & FEATURE		
AC overcurrent	Yes	
AC overvoltage	Yes	
Over temperature protection	Yes	
Smart load management	Yes	
Parallel function	Yes, upto 6 units	
CT Anti-backflow function	Yes	
GENERAL PARAMETERS		
Operation temperature	-10°C ~ 50°C	
Relative humidity	5%~95% (Non-condensing)	
Altitude	(>2000m Derating)	
Dimensions D x W x H (mm)	553.6 x 432.5 x 147.4	
Net Weight (KG)	18	
COMMUNICATION		
Interface	Standard: RS232,CAN & RS485; WiFi	
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2	

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