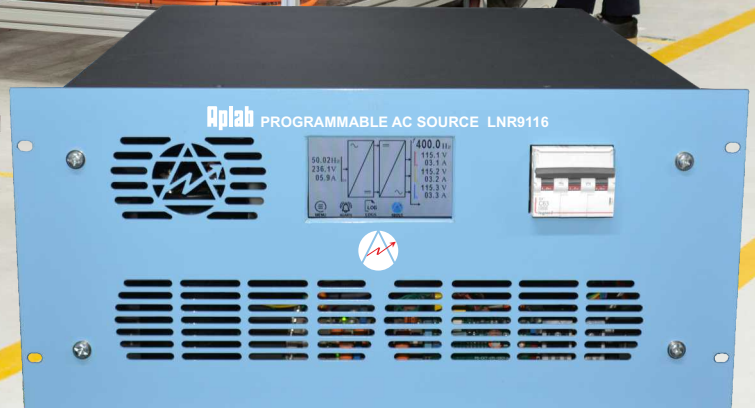


PROGRAMMABLE AC SOURCES



LONAR
SERIES



Aplab

Nonstop Performance.

Introducing Lonar series - Aplab's next generation Programmable AC Source. The new series is named after Lonar Lake celebrating Maharashtra's natural wonder!

Lonar series is a significant improvement over 86 series delivering peak power at variable voltage and frequency. It has reliable digital control with color touchscreen display for easy monitoring and control. It offers communication interface via various options like ETHERNET/ CAN/ RS485. LONAR AC source with 3 Phase output can be used as single phase output at 1/3rd power by keeping 2 phases turned off.

Lonar series is a perfect solution for a complete AC Power Test Bench!

Technical Specifications : 6KVA, 12KVA, 24KVA

Rating	6KVA				12KVA	24KVA
Power	4.8KW				9.6KW	19.2KW
Input	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø
Output	1Ø	3Ø	3Ø	1Ø	3Ø	3Ø
Input Voltage	230V AC $\pm 10\%$ (1Ø), 400V AC (L-L) $\pm 10\%$ (3Ø).					
Input Frequency	47Hz ~ 53Hz.					
Power Factor	Greater than 0.95 @ full load.					
Output Voltage	0-260V AC (L-N) Programmable (1Ø), 0-450V AC (L-L) Programmable (3Ø).					
Output Waveform	Pure sinewave.					
Inverter Technology	IGBT based.					
Output Frequency	15-600Hz Programmable.					
Output THD	Less than 3% for Resistive load.					
Crest Factor	3:1.					
Line Regulation	$\pm 0.1\%$.					
Load Regulation	$\pm 1\%$.					
Monitoring	Output and Input-Voltage, Current, Frequency.					
Display	3.5 inch Touchscreen Display.					
Protection	Input and Output Over-Under Voltage, O/p Overload, Short Circuit, Over Temperature.					
Cooling	Forced fan based.					
Noise	Less than 75db @ 1 meter.					
Operating Temperature	0 to 45 deg.					
Humidity	Upto 95% Rh (Non-condensing).					
Altitude	Derating starts after 1500m.					
Communication Interface	Ethernet / CAN / RS485.					

Note : Power rating above 24KVA on request.

WE PURSUE A POLICY OF CONTINUOUS DEVELOPMENT AND PRODUCT IMPROVEMENT. THUS THE SPECIFICATIONS IN THIS DOCUMENT AND THE LOCATION OF CONTROLS ON THE FRONT PANEL MAY BE CHANGED WITHOUT NOTICE.

Ordering Information

L N R 9 X X X X

KVA Rating
 6 → 6KVA
 12 → 12KVA
 24 → 24KVA

1 → Single Phase Output
 3 → 3 Phase Output
 1 → Single Phase Input
 3 → 3 Phase Input

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