

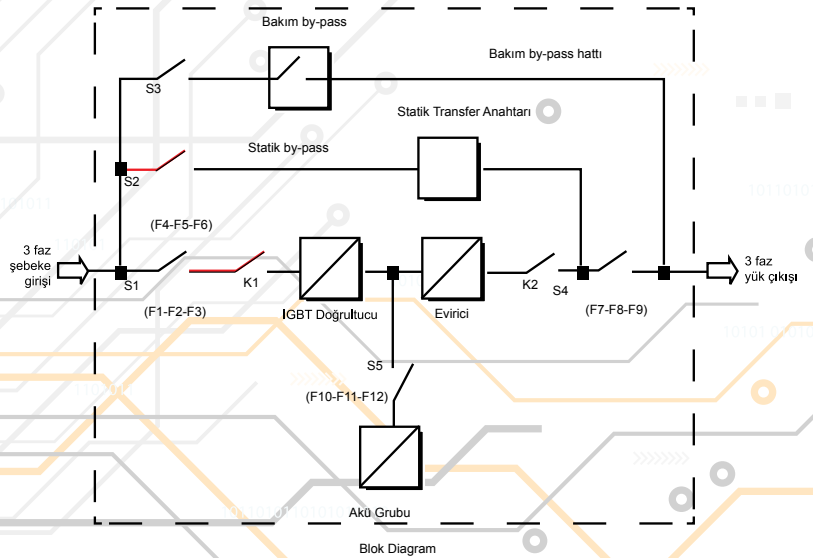
# LeGa 33 UPS

10-300 kVA



LeGa33 series is the uninterrupted power sources connected in parallel if desired, ONLINE with micro-processor controlled, full sine-output produced with PWM (pulse width modulation) and IGBT technologies.

- Efficiency up to 91%
- Galvanic isolation transformer in inverter output
- Emergency shut-down switch connection
- Static by-pass and service by-pass feature
- Detailed data monitoring and user-defined parameter setting by means of LCD indicator
- 128 recorded event memory (5000 alarms)
- Calendar and clock indicator
- By means of advanced battery management, automatic and manual battery test
- Superior performance for non-linear loads (computer load)
- Testing communication contacts by simulation
- Remote monitoring from networks and RS232 communication port to switch off operating systems automatically and safely and dry contact outputs
- Tailor-made input/output values
- SNMP-compliant MODBUS-compliant communication
- Production with the quality assurance system of CE, TSE, ISO9001 and ISO14001
- 2-year system warranty and 10-year spare part supply warranty
- Experienced technical service and customer services support all around Turkey



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## LeGa33 UPS (10-300 kVA) 3 phase input/3 phase output

MODEL	LeGA 310	LeGA 315	LeGA 320	LeGA 330	LeGA 340	LeGA 360	LeGA 380	LeGA 3100	LeGA 3120	LeGA 3160	LeGA 3200	LeGA 3250	LeGA 3000	
Power	10	15	20	30	40	60	80	100	120	160	200	250	300	
<b>INPUT</b>														
Voltage	220 / 380 Vac (230/400 Vac) 3F + N + Ground $\pm$ %15													
By-pass Voltage	220 / 380 Vac (230/400 Vac) 3F + N $\pm$ %10													
Frequency	50 Hz. / 60 Hz. $\pm$ %5													
EMI	EN 62040-2													
<b>OUTPUT</b>														
Power (kW)	8	12	16	24	32	48	64	80	96	128	160	200	240	
Power Factor	0,8													
Voltage	220 / 380 Vac (230/400 Vac) 3F + N													
Voltage Tolerance	$\pm$ %1													
Toparlanma zamanı	Max. 25msn.													
Frequency	50 / 60 Hz													
Frequency Tolerance	$\pm$ %2 synchronous network $\pm$ 0,2 self-employment													
Efficiency (%100 load)	>%90													
Crest Factor	03:01													
Overload	%100 - 10 minutes at 125% load													
	%125 - 10 minutes at 150% load													
	>%150 load by-pass													
Short Circuit Protection	Elektronik Short Circuit Protection													
THD	<%3 (linear load)													
	<%5 (non linear load)													
<b>BATTERIES</b>														
Type	Full-closed dry type , maintenance-free													
Number of Batteries	30										32			
Charge Voltage	405 VDC										432 VDC			
End of Discharge Voltage	300 VDC										320 VDC			
Operating temperature	25°C													
Battery protection	Battery fuse / battery low - Battery high protection													
Battery test	Auto / Manual													
<b>GENERAL</b>														
Seri Communication	Floating connection and RS232													
Software	T-MON UPS Remote Monitoring and Management Software													
Çalışma ısısı	0°C - 40°C													
Soğutma	Forced cooling													
Humidity (Condensing)	<%90													
Protection Class	IP20													
Working Height	<2000m.													
Noise Level	< 56 dBA				< 60 dBA			< 65 dBA			< 70 dBA			
Weight Without battery	220	260	260	290	415	465	595	770	897	1120	1592	1592	1770	
Dimensions (GxDxY)	505x655x1150				575x820x1390			720x820x1850		1100x810x1650		1195x870x1730		1585x925x1880
<b>OPTIONS</b>														
Input transformer	Input isolation ( separate cabin)													
Input THDI	%10 (12 Pulse or 18 Pulse redresor, UPS gücüne göre)													
	%5 (18 Pulse redresor, + filter), up to 100kVA)													
Input Power Factor	0.95 - 0.98 (18 Pulse redresor with up to 100kVA)													
Parallel operation	N+1 (up to 4)													
	18 pulse Dimensions of the device may realize													
Communication	SNMP, MODBUS													
Battery temperature compensation	Optional													