

10-120 kVA = kW



SLD Modular UPS has been designed in two models.

·SLD UPS ST (Standard) Model, UPS and battery cabinet.

·SLD UPS RI (Rack) UPS Power Module, 19" rack cabinet and battery cabinet.

- Smart, continuous power modules, module replacement.*
- Weight low power modules (10kw= 18,6Kg; 20kw = 21,5 Kg)*
- Easy to set up and technical service UPS is running change module*
- High input power factor*
- Input power factor, $Pf > 0,99$*
- Input current harmonics, THDI $< 3\%$*
- Ac-ac efficiency 95,5%*
- Without transformer technology*
- Double evolution of online technology*
- Modular, parallel redundant operation*

SLD 33 Modular UPS (10-120 kVA=kW) 3 phase input/3 phase output

SLD SERIES ON-LINE MODULER UPS						
MODEL	SLD 10	SLD 20	SLD 40	SLD 60	SLD 80	SLD 120
PROPERTIES						
POWER (kVA)	10	20	40	60	80	120
UPS design technology	On-line, Digital microprocessor controlled system , double conversion					
UPS architecture	Independent modular, scalable, redundant Hot and Swap (Changeable module while device operating)					
INPUT						
Input voltage (VAC)	220VAC / 380 VAC					
Input voltage range (VAC)	220VAC + %15 - %20 / 380VAC +%15 - %20					
Harmoni Distortion	< %3 T.H.D. linear load.					
Power factor	> 0.99					
Frequency (Hz)	35 - 70 Hz					
OUTPUT						
Voltage (VAC)	220VAC / 380 ± %1					
Frequency (Hz)	50 / 60 Hz +/- %0.5 (Automatic detect)					
Power factor	1					
POWER (kW)	10	20	40	60	80	120
Output wave form	True Sine.					
Crest factor	3 : 1					
On-line Mod efficiency(%100 load)	> %95					
Eko Mod efficiency (%100 load)	> %98					
Over load capacity	%125 load 2 mins., %150 load 30 sec					
BATTERY						
Run Time of battery	Selectable from battery time table					
Addable Battery group	Yes					
GENERAL						
By-pass	Each module can be by-passed independently as of static and electromecanial					
	Automatic					
	Manual By-pass (maintenance By-pass)					
Göstergeleler / Alarmlar	Large 4 line digital display screen fraceable of UPS status.					
	Acoustic signals					
Communication Points	RS232 seri port					
	USB					
	Dry contact					
	SNMP adaptor nount					
Software	UPS communication software					
Protection	Electronic protection overload and short circuit and excessive battery discahage.					
	Then Suspension of UPS					
	Make the current limitation by swiching					
	EPO conract (Emergency shutdown)					
Input / Output connection	Fuse and clip port					
Isolation transformer	Optional					
PHYSICAL						
Power Module Quantity / Power (kW)	1 x 10	2 x 10	2x20	3 x 20	4 x 20	6 x 20
Battery cabinet	Selectable from battery table					
Net weight (kg)	20	40	136	238	169	263
Dimension (mm) (L x W x H)	448x310x565	448x487x735	550x1135x770	550x1975x770	550x1135x770	550x1975x770
ENVIRONMENTAL						
Operating temperature range (°C)	0 - 40 °C					
Operating height (m)	3500 m					
Humidity	%20 - %80 uncondensed					
Noice level 1 m (dBA)	42 - 46 dBA					
STANDARDS						
Security	IEC/EN 62040-1.1 , IEC/EN 60950-1					
EMC	IEC/EN 62040-2, IEC/EN 61000-3-2, IEC/EN 61000-3-3, IEC/EN 61000-2-2					
Performances	IEC/EN 62040-1.1 , IEC/EN 60950-1					
Sertificate	CE					