



Flex UPS

Online UPS 10-15-20-30-40kVA

- Programmable input and output configuration 11/31/33
- High AC/AC Efficiency up to 95%
- Supports 4 Units Parallel
- Common battery parallel operation
- Programmable DC bus voltage
- Dry contacts with RS-485 (Modbus)
- SNMP with preloaded web interface (option)



Green Power

- AC/AC efficiency up to 95%, less operation cost and more energy saving
- Output power factor up to 1, more powerful to connect more critical loads
- Input PF=1 and THDi <5%, less power pollution and lower TCO

Flexible Configuration

- Adjustable input and output to 11/31/33
- Dry contact standard
- RS-485 with Modbus standard
- Parallel card standard
- SNMP with preloaded web interface (option)
- RS-232 / Profibus / TCP-IP (option)
- External battery connection (option)

Intelligent LCD Display

- Intuitive LCD display with easy setup screens
- Alarm information display, battery backup monitor, operation mode setting





Technical Specifications

TECNED UPS MODEL	FLEX 10	FLEX 15	FLEX 20	FLEX 30	FLEX 40
Input					
Voltage (Vac)	150-280(L-N) or 260-485(L-L)				
Frequency (Hz)	40-70				
Power Factor	≥0.99				
THDi	<5%				
Output					
Capacity (kVA)	10	15	20	30	40
AC/AC Efficiency	Up to 95%				
Power Factor	Up to PF 1				
Voltage (Vac)	220/230/240 (L-N) 380/400/415 ±1%(L-L), programmable				
Frequency (Hz)	50/60 ±0.1% (on battery)				
THDv	THD <2% (linear load), THD <3% (nonlinear load)				
Transfer Time (ms)	0				
Overload	125% for 10 min, 150% for 1 min				
ECOMode	Yes				
Battery					
Voltage (Vdc)	±192 (±144~±240 programmable)				
Charging Current (A)	4 (1-10 programmable)			8 (1-20 programmable)	
Other					
Communication Interface	RS485 MODBUS +EPO + dry contact standard TCP-IP / SNMP / RS232 option				
Input / Output configuration	11 / 31 / 33			31 / 33	
Display	Blue screen LCD				
Alarm	Low battery, Abnormal AC input, UPS failure				
Protection	Low battery, overload, short-circuit and over temperature, etc.				
Noise (dB)	<55				
Working Temperature (°C)	-5~40				
Relative Humidity	0 ~ 95%, No condensation				
Dimension (hxwxh) (mm)	1125x510x600			1250x510x750	
Weight with battery (kg)	180	220	265	330	435

*Specification is subject to change without prior notice

TECNED

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