

True online, Double conversion UPS Systems, manufactured with the state of the art, PWM and IGBT technology, producing microprocessor controlled pure sinewave output to critical loads.

Prowave T300 10-80KVA



General Specifications

- Output isolation transformer
- Up to 91% efficiency
- Static by-pass
- LCD front panel
- 128 events alarm memory (4000 alarms)
- RS232 and relay contacts
- Custom input and output voltage ranges
- SNMP compatible communication
- T-MON remote monitoring software
- Parallel operation up to 4 devices
- High performance at nonlinear loads
- Custom input voltage and frequency ranges
- 2 years warranty
- 10 years spare parts support
- Manufactured according to EC Directive; EN62040

Reliable Power

Technical Specifications

Prowave T300 10-80KVA

MODEL	310	315	320	330	340	360	380
Power (kVA)	10	15	20	30	40	60	80
INPUT							
Voltage	380/400 VAC 3 phase + N, +/- 15%						
By-pass voltage	380/400 VAC 3 phase, +/- 10%						
Input frequency	50 Hz (60Hz on request), +/- 5%						
OUTPUT							
Power (kW)	8	12	16	24	32	48	64
Power factor	0,8						
Voltage	380/400 VAC 3 phase + N						
Voltage Stability	(balanced load: +/-1%) (unbalanced load: +/-2%) (step load: +/-5%)						
Voltage recovery time	After step load: max. 25ms						
Frequency	50Hz (60Hz on request)						
Frequency tolerance	(line synchronized: +/-2%) (free running: +/-0,2%)						
Efficiency at 100% load	89-91%			90-92%			
Crest factor	3:1						
Overload protection	(100%-125% load: 10min) (125%-150% load: 1min) (>150% load: by pass)						
Short circuit protection	Electronic short circuit protection						
Total harmonic distortion (THD)	Linear Load: < 3% Non Linear Load: < 5%						
BATTERIES							
Type	Sealed Lead Acid - Maintenance Free						
Number of Batteries	30						
Float Charging voltage	405 VDC						
End of discharge voltage	300 VDC						
Ambient temperature °C	25 °C						
Battery protection	Automatic circuit breaker						
Battery test	Automatic every 72 hours						
GENERAL							
Regulations	EN62040-2						
Serial communication	Dry contacts & RS232						
Software	T-Mon UPS Management Software (3 client, +1 server management std.)						
Temperature range	0 °C - 40 °C						
Ventilation	Forced air cooling						
Relative humidity	< 90% (non condensed)						
Protection degree	IP 20						
Altitude	< 1000m. Above sea level						
Acoustic noise	< 56dBA				< 60dBA		
Weight w/o Batteries (kg)	220	260	260	290	415	465	595
Dimensions (mm) HxWxD	1150x505x655			1390x575x820		1450x720x820	
OPTIONS							
Input/output voltage:	208/208VAC 3Phase						
Input transformer :	Galvanic isolation transformer at the input (in external cabinet)						
Input THD :	10% (with 12 Pulse or 18 Pulse Rectifier, according to UPS range) 5% (with 18 Pulse rectifier, + filter), up to 80kVA						
Input Power Factor :	0.95 - 0.98 (with 18 Pulse rectifier)						
Adaptors:	SNMP, MODBUS, Remote Mon.Panel, RS485						
Parallel operation :	N+1 (up to 4 units)						
(*):	In 18Pulse & 12Pulse applications, the standard chassis dimensions may change.						