

DS300-T SERIES



10 - 400 kVA

On-Line

IGBT Rectifier

3PH - 3PH

Transformer - Base

DS300-T SERIES

10 - 400 kVA

Main Features

- Transformerbase UPS topology
- Low input current total harmonic distortion (THD)
- High input power factor
- High efficiency up to 93%
- Static and maintenance by-pass switch
- Output short circuit and overload protection
- External REPO switch input
- 512 events memory (512 events 45000 alarms)
- Clock and calendar (battery supported)
- Automatic battery test, remaining battery time indicator
- Temperature compensated charge system(option)
- 2 RS232 serial ports and 12 dry contact output
- Advanced remote control features
- Optional SNMP and MODBUS adaptors
- Output DC leakage protection
- Full digital structure
- small footprint
- Economode operation(option)
- Advanced diagnostics for the input
- Selectable input/output voltage/frequency range
- Split by-pass input (second input)
- 3 DSP controlled modular structure
- Seperate DSP for inverter control
- Seperate DSP for the PFC
- High charge current capacity
- Charge/discharge current indicator

مشخصات

مشخصات فنی . Technical Specifications

MODEL		DS310T	DS315T	DS320T	DS330T	DS340T	DS360T	DS380T	DS3100T	DS3120T	DS3160T	DS3200T	مدل	
INPUT	Voltage	380/400 VAC 3P + N + G ± 20% (415 VAC +15%, - 25% optional)											دامنه ولتاژ	
	Frequency	50Hz / 60Hz +/- 5%											دامنه فرکانس	
	By-pass Voltage	380-400 VAC 3 Phase + N , 4 Wires,+/- 10%											دامنه بای پس	
	By-pass Protection	Short circuit, Voltage tolerance, Frequency tolerance											حفاظت بای پس	
	Power factor / THDI	≥ 0.99/ ≤ 3%											ضریب توان	
	Protection	Fuses, Voltage & Frequency tolerance, Input power limit,Phase sequency indicator											حفاظت ورودی	
OUTPUT	Power (kW)	9	13.5	18	27	36	54	72	90	108	144	180	توان	
	Power factor	0.9											ضریب توان	
	Voltage	380/400 VAC 3P + N,+/- 1% (415 VAC optional)											دامنه ولتاژ	
	Frequency	50Hz / 60Hz :											سطح فرکانس	
	Frequency tolerance	Line synchronized ; +/- 2 % / Free running ; +/- 0,2%											دقت فرکانس	
	Efficiency	up to 93%											بازدهی	
	Crest factor	3:1											جهش جریان	
	Overload protection	100% - 125% load ; 10 min, 125% - 150% load ; 1 min, >150%load; by pass											اضافه بار	
	Other protections	Advanced short circuit, Voltage tolerance, DC balance, Regenerative load, Current limiting											حفاظت	
	THD (at 100% linear load)	<3% (at 100% linear load)											هارمونیک ولتاژ	
BATTERY	Type	VRLA AGM / GEL / NiCd											نوع باتری	
	Nominal voltage	+/- 312 VDC (2x26 batts)											تعداد	
	Float / End of discharge voltage	+/- 351 VDC / +/- 260 VDC											ولتاژ شارژ	
	Protections	3level alarms, Battery fuses, Charging current limit, Temprature compensation											حفاظت	
	Automatic testing	Standard every 72 hours (adjustable)											تست	
GENERAL	Standards	EN62040-1 , EN62040-2 , EN62040-3											استاندارد	
	User interface	4 lines LCD panel, mimic leds, 5 vector buttons, buzzer,											پانل کاربر	
	Communication	2 x Rs232 serial ports, 4 standard and 8 optional DRY contact alarm relays											درگاه ارتباطی	
	Genset kit	standard (programmable)											سازگاری ژنراتور	
	Software	Standard T-Mon UPS management software (3 clients - 1 server management)											نرم افزار	
	Alarm logging	Standard ; with time & date 192 events											ثبت وقایع	
	Protections	Power module over-temperature, Over current, Temperature high alarm											حفاظت	
	Temperature range	0 C - 40 C											دمای کاری	
	Protection degree	IP20											حفاظت تابلویی	
	Humidity	90% max (non condensed)											رطوبت	
	Acoustic noise	< 57 dBA			< 62 dBA			< 64 dBA			< 68 dBA			نویز صوتی
	Weight (kg.)	187	198,5	244	270	393	457	536	539	595	647	910.5	وزن	
	Dimensions (mm) HxWxD	1040x400x815				1440x515x855				1770x825x855				ابعاد
	OPTION	Software	T-mon admin multi UPS monitoring, T-mon Server 50-100-200 clients, log loader											نرم افزار
Adaptors		SNMP, MODBUS, RS485, Remote panel ,MODBUS (Rs485 or TCP-IP), USB Alarm											مبدل ها	
Parallel operation		up to 8											قابلیت پارالل	