



ENERSAI

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TYPE UPS	TEIDE SA - T/T	SA 060	SA 080	SA 100	SA 120
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GENERAL SPECIFICATIONS

Type of product	Double conversion ON-LINE				
Total Efficiency	>92%				
Overload	125% for 10' / 150% for 10''				
INPUT					
Harmonic distortion	< 10% (opcional)				
Acceptable voltage (THREEPHASE)	330 ÷ 480 Vac				
Acceptable frequency	50/60 Hz ± 10%				
ACCUMULATORS					
Accumulators number (12Vdc)	See CHARACTERISTICS				
Battery rated voltage (Vdc)	396				
Accumulator type (Ah)	See CHARACTERISTICS				
Autonomy (PF λ 0.7)	See CHARACTERISTICS				
OUTPUT					
Wave form	Sinusoidal				
Output voltage (THEEPHASE)	380-400-415 Vac ± 1%				
Frequency	50/60 Hz ± 0,1%				
Harmonic distortion	≤ 3%				
Crest factor	2,7				
Active power (PF λ 1,0)	48kW	64kW	80kW	100kW	
Apparent power (PF λ 0,8)	60kVA	80kVA	100kVA	120kVA	
Apparent power (PF λ 0,7)	68kVA	90kVA	114kVA	137kVA	
PROTECTIONS					
Current limitation	150% In for 10''				
Overload	Yes				
STATIC AND MANUAL By-pass	Yes				
Frequency 50/60Hz	Yes				
RFI Filter	Yes				
PFC	Yes				
Protection of battery charger	Yes				
Necessary disconnectings	Yes				
COMMUNICATIONS					
DB9 port signals	Inserted ractifier, inserted inverter, battery KO, bateria a massaconnection battery, almost exausted battery, static blocked commutator on reserve line, suitable reserve line, closed manual by-pass, load on reserve,				
RS232 (optional)	GEX protocol (Win3.1x/95/98/NT, Unix, others) with software				
CONTROLS					
Display, visualisation	Section 1° informative: Inverter, load on by-pass, battery, reserve out of limits, rectifier, static blocked commutator, manual inserted by-pass, temperatures not OK				
Possibility of setting of languages: I – GB – F – D	Section 2° operative: inverter, battery, ractifier, out of limits reserve, temperature OK, load on reserve or inverter.				
Possibility of setting of autonomies parameters	Section 3° parameters: output voltage, voltage / courent and autonomy of battery				
Buttons of control	Slipping of pages, stop of alarms, alarms memory, load on inverter or reserve, switching on/off of inverter				
USEFUL DATA					
General Directives for CE	89/336 CEE "Electromagnetic compatibility" 73/23 CEE "Low voltage until 1000Vac and 1500Vdc"				
Relative operating humidity (without formation of condensation or ice)	(40°C 60%) - (25°C 90%)				
Operative temperature	> 0°C ÷ +40°C				
Altitude without reduction of power	1000 mt/s.l.m.				
Audible noise level	65 dBA				
Air volume circulating in the UPS	600 m³/h				
DIMENSIONS AND WEIGHTS					
See CHARACTERISTICS					

The data may change without any preadvise



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Code	P.F. 0,8	Autonomy P.F. 0,8	Battery tension VDC	No. and capacity battery	UPS dimension H x L x P	Cabinet battery dimension H x L x P	UPS weight Kg.
SA060.000 TT	60kVA		384		1900x700x740		295
SA060.012 TT	60kVA	8	384	N° 32-38Ah	1900x700x740	1800x800x830	855
SA060.020 TT	60kVA	20	384	N° 32-65Ah	1900x700x740	1800x800x830	1133
SA060.035 TT	60kVA	34	384	N° 32-100Ah	1900x700x740	1800x800x830	1539
SA060.050 TT	60kVA	50	384	N° 32-140Ah	1900x700x740	1800x1400x830	2095
SA080.000 TT	80kVA		384		1900x700x740		330
SA080.007 TT	80kVA	9	384	N° 32-55Ah	1900x700x740	1800x800x830	1056
SA080.012 TT	80kVA	16	384	N° 32-80Ah	1900x700x740	1800x800x830	1273
SA080.030 TT	80kVA	30	384	N° 32-120Ah	1900x700x740	1800x800x830	1600
SA100.000 TT	100kVA		384		1900x700x740		370
SA100.008 TT	100kVA	8	384	N° 32-65Ah	1900x700x740	1800x800x830	1208
SA100.016 TT	100kVA	17	384	N° 32-100Ah	1900x700x740	1800x800x830	1614
SA100.022 TT	100kVA	26	384	N° 32-140Ah	1900x700x740	1800x1400x830	2170
SA120.000 TT	120kVA		480		1900x700x740		450
SA120.008 TT	120kVA	9	480	N° 40-65Ah	1900x700x740	1800x800x830	1460
SA120.017 TT	120kVA	19	480	N° 40-100Ah	1900x700x740	1800x1400x830	2098
SA120.040 TT	120kVA	40	480	N° 40-140Ah	1900x700x740	1800x1400x830	2630

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CHARACTERISTICS

UPS paralelable 8 units (3PHASE / 3PHASE) 12 PULSE type TEIDE SQL - TT with LCD

Code	P.F. 0,8	Autonomy P.F. 0,8	Battery tension VDC	No. and capacity battery	UPS dimension H x L x P	Cabinet battery dimension H x L x P	UPS weight Kg.
SA060.000 TT	60kVA		384		1900x700x740		495
SA060.012 TT	60kVA	8	384	N° 32-38Ah	1900x700x740	1800x800x830	1055
SA060.020 TT	60kVA	20	384	N° 32-65Ah	1900x700x740	1800x800x830	1333
SA060.035 TT	60kVA	34	384	N° 32-100Ah	1900x700x740	1800x800x830	1739
SA060.050 TT	60kVA	50	384	N° 32-140Ah	1900x700x740	1800x1400x830	2095
SA080.000 TT	80kVA		384		1900x700x740		535
SA080.007 TT	80kVA	9	384	N° 32-55Ah	1900x700x740	1800x800x830	1261
SA080.012 TT	80kVA	16	384	N° 32-80Ah	1900x700x740	1800x800x830	1478
SA080.030 TT	80kVA	30	384	N° 32-120Ah	1900x700x740	1800x800x830	1805
SA100.000 TT	100kVA		384		1900x700x740		570
SA100.008 TT	100kVA	8	384	N° 32-65Ah	1900x700x740	1800x800x830	1408
SA100.016 TT	100kVA	17	384	N° 32-100Ah	1900x700x740	1800x800x830	1814
SA100.022 TT	100kVA	26	384	N° 32-140Ah	1900x700x740	1800x1400x830	2370
SA120.000 TT	120kVA		480		1900x700x740		670
SA120.008 TT	120kVA	9	480	N° 40-65Ah	1900x700x740	1800x800x830	1680
SA120.017 TT	120kVA	19	480	N° 40-100Ah	1900x700x740	1800x1400x830	2318
SA120.040 TT	120kVA	40	480	N° 40-140Ah	1900x700x740	1800x1400x830	2850

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