

MARUSON[®]
UPS SYSTEMS
Tacoma Series



TAC-20KLD(CE type) TAC-6 / 10K(L)D

FEATURES

- 6KVA~20KVA DSP, true double conversion UPS
- 0.9 High output power factor
- High efficiency mode (ECO)
- Output voltage regulation < 1%
- Input |THDi <5% and output THDv <2%
- Frequency converter mode
- Maintenance bypass switch
- N+X Parallel redundancy
- Emergency Power Off (EPO)
- Fan speed controller based on UPS load
- RS-232 and USB ports for power management software
- Intelligent communication slot enables remote monitoring



APPLICATIONS

- Server Rooms
- Office Equipment
- Telecom & Networking
- Automation Equipment



TACOMA ON-LINE UPS SPECIFICATION

MODEL	TAC-6KD	TAC-6KLD	TAC-10KD	TAC-10KLD	TAC-20KLD
Capacity	6KVA / 5.4KW	6KVA / 5.4KW	10KVA / 9KW	10KVA / 9KW	20KVA / 18KW
INPUT					
Nominal Voltage	208 / 220 / 230 / 240VAC				220 / 230 / 240VAC
Input Voltage Range	176~276VAC, 110~276VAC (half load)				
Frequency Range	45-55Hz / 54-66Hz				
Power Factor	> 0.99 @ 100% load				
OUTPUT					
Voltage (with Isolation-Transformer)	208 / 220 / 230 / 240VAC & 110 / 115 / 120VAC				220 / 230 / 240 / 250VAC & 110 / 115 / 120 / 125VAC
Current Crest Ratio	3:1				
Harmonic Distortion	≤ 2% @ linear load / ≤ 5% @ non-linear load				
Output Waveform	Pure sine wave				
Parallel	Up to 2				N / A
EFFICIENCY					
Line Mode	>92% @ full load and battery fully charged				
BAT Mode	>92% @ full load and 12VDC / battery				
BATTERY					
Number of Internal Batteries Per Set	20 PCS	Depend on the capacity of external batteries	20 PCS	Depend on the capacity of external batteries	
Battery Type	12VDC / 7.2Ah		12VDC / 9Ah		
Backup Time	> 5 minutes		> 5 minutes		
Recharge Time	5 hours charge to 90%		5 hours charge to 90%		
Charging Current (max)	1.2A	4.0A	1.2A	4.0A	4.0A (8A optional)
Rated Battery Voltage	240VDC				288VDC
TRANSFER TIME					
LINE <-> BAT	0ms				
INV <-> BYPASS	0ms				
INDICATORS					
LCD Panel	Load level / battery voltage / battery mode / AC mode / bypass mode information				
MANAGEMENT					
RS-232 / USB Software	Software supports Windows® family / Linux / Sun Solaris / IBM Aix / Compaq True64 / SGIIRIX / FreeBSD / HP-UX / MAC				
Intelligent Slot	SNMP / AS400 / relay card				
PHYSICAL					
Dimension (D x W x H)	550 x 260 x 708 / 21.7 x 10.2 x 27.9				650 x 350 x 890 / 25.5 x 13.8 x 35
Net Weight (kg / lb)	90 / 198.5	40 / 88.2	93 / 205.1	41 / 90.4	183 / 403.5

Product specifications are subject to change without further notice.

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