

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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