

Customised Power Quality Management & Backup



DATA SHEET

Power

Renewables

Build to Spec

Safety

Customer Service

powerinnovations.com

Q-LS-CUSTOM

APPLICATIONS

- Data centres and telecoms hardware
- Airport security and traffic management
- Military and public safety services

BENEFITS

- Customised design to match exact requirements
- Input & output isolation
- Multiple input/output voltages available
- Modular and scalable (power and charger)
- Active or redundant power configurations
- Rugged - shake, vibe, temperature, altitude)
- Highest MTBF and lowest MTTR

FEATURES

- High resolution sine-wave output
- True galvanic isolation and EMI suppression
- Self-diagnosing plug and play modular design
- Superior battery testing, monitoring and management

Q-LS Custom Options

Made to Fit Your Exact Requirements

kVA

10, 15, 20, 30, 40, 50, 60, 80, 100, 120, 160, 180, 240, 320, 340, 400, 450, 500, 600, 700, 800

Cabinet Size

- Single Wide (55 cm wide)
- Double Wide (110 cm wide)
- Multi Wide (dimension varies)
- Cabinet Height (does not include standard drip guard) 160 cm, or 190 cm

Input Type

Single Input, Separate Reserve Input, A/B Switch\

Internal Systems

Inverter (standard), Rectifier (standard, Static Switch (standard)

Input

115V 3P3W, 120V 3P3W, 190V 3P3W, 200V 3P3W, 208V 3P3W, 210V 3P3W, 220V 3P3W, 230V 3P3W, 240V 3P3W, 380V 3P3W, 400V 3P3W, 415V 3P3W, 440V 3P3W, 450V 3P3W, 460V 3P3W, 480V 3P3W, 600V 3P3W, 690V 3P3W, 110V 1P2W, 115V 1P2W, 120V 1P2W, 208V 1P2W, 220V 1P2W, 230V 1P2W, 240V 1P2W, 110VDC, 135VDC, 220VDC, 390VDC, 120/240 1P3W

Output

120/70V 3P4W, 190/110V 3P4W, 200/115V 3P4W, 208/120V 3P4W, 210/121V 3P4W, 220/127V 3P4W, 230/132V 3P4W, 240/138V 3P4W, 380/220V 3P4W, 400/230V 3P4W, 415/240V 3P4W, 440/254V 3P4W,

450/254V 3P4W, 460/265V 3P4W, 480/277V 3P4W, 600/346V 3P4W, 690/398V 3P4W, 110V 1P2W, 115V 1P2W, 120V 1P2W, 208V 1P2W, 220V 1P2W, 230V 1P2W, 240V 1P2W, 110VDC, 135VDC, 220VDC, 390VDC, 120/240V 1P3W, 115/66V 3P4W

Input Frequency

50/60Hz, 50Hz, 60Hz, 400Hz

Output Frequency

50/60Hz, 50Hz, 60Hz, 400Hz

Other Options

- IP Softstart (helps reduce initial spike, recommended for larger systems)
- Internal Battery (can fit into systems up to 30kVA)
- Economic Mode

- 12 Pulse (6 pulse is standard)
- Aux Contacts
- Eye Bolts
- Parallel
- Separate Output Breakers
- UL/CSA (certifications)
- Front Access Only
- Fan Failure Detect
- Removable Fan Trays
- 135 V DC Rail
- IEC 62040 Compliant