

Pls find herewith ready reference sheet for Industrial grade UPS

Common battery bank: Redundant UPSs can share the same battery bank, reducing battery costs

- Easy UPS 3S brings predictability to utility costs:
  - up to 96% efficiency in double conversion mode
  - up to 99% efficiency in ECO Mode
- Minimize your power losses and cooling requirements with up to unity power factor
- Protect your electrical room with these ruggedizing features:
  - Embedded dust filter- prevent UPS from Industrial Dust
  - Conformal coating- Prevent UPS from OIL /Water
  - kVA = KW
  - Operating temperature up to 40°C
  - Wide-input voltage window

EPO – emergency STOP switch as per Industry Safety Standard

Sr no	UPS unique features - 30 (3:3 )	SCHNEIDER UPS	Other UPS available in market	Benefits
1	Unity output pf (KVA=KW) 30 KVA - 30 KW - Unity Power factor	Designed for Industrial load requirement	0.7 /0.8 Pf output - 30 KVA /21/24 KW	Can connect 30 KW load on UPS
2	Operational temp - 40 Degree	Designed for Shop floor temp 40 degree	Work at @ 25 Degree	No AC required for UPS – SAVING on AC electricity cost
3	High efficiency - 96%	Low energy loss / Operational cost lower	efficiency 90%	Lower operational Cost compare to competition
4	Very high overload capacity - 110% for 1 hr, 125% for 10 min, 150% for 1 min	Industrial load requirement Over load 110 % 1 hour	Not confirm on High load capacity	No need to increase capacity of UPS
5	Battery bank sharing between 2 UPS possible	Redundancy at battery Level	Not possible	Business continuity at LOWER investment
6	Very small footprint	Smallest foot print to accumulate lower SHOP FLOOR place	Bulky in Size and consume lot space atshop floor	Can install more machinery on shop floor
7	<b>User replaceable dust filters - Internal boards and PCBAs protected from dust entering</b>	Designed UPS for Shop floor requirement as Metal dust present	NO dust filter , required dust free environment	Less failures of UPS and more business continuity without any down time
8	<b>Conformal coating of critical PCBAs - Internal boards and PCBAs protected from moisture and corrosive agents</b>	Shop floor requirement as Metal dust present	Not Available , required of free environment	Less failures of UPS and more business continuity without any down time

9	<b>EPO switch - UPS and battery breaker can be tripped in case of emergency directly by this switch</b>	Design UPS with EPO switch In case of Emergency STOP- As per Industry Safety Standard	Not available	In emergency can Switch off UPS to prevent more damage
10	<b>Input/Output/Bypass/Maintenance Bypass breakers to UPS frame - UPS can be put to maintenance mode without shutting down load</b>	Safety	Not available	Safety first on Shop Floor and business continuity
11	<b>DC MCCB with UV coil and aux contacts - Battery bank protection and isolation in case of deep discharge. Rating of DC MCCB should be to withstand max battery discharge current at full load and ECV</b>	Safety	Not available	Safety first on shop floor with isolation of DC voltage
12	IGBT base Rectifier and Inverter	In power factor 0.99 or Unity	In competition UPS rectifier is SCR base	operational cost and reliability issue