SPECIFICATION SCHEDULE FOR AUTOMATIC VOLTAGE REGULATOR (AVR)

PARAMETER	MINIMUM REQUIREMENT
CAPACITY	40KVA
INPUT VOLTAGE	400V – 415V
INPUT VARIATION PERCENTAGE	± 20%
OUTPUT VOLTAGE (DIP-SWITCH)	220-230-240V(L-N) / 380-400-415V (L-L)
OUTPUT VOLTAGE ACCURACY	±0.5%
STORAGE TEMERATURE	-25/+60°C
ADMITTED OVERLOAD	200% 2MIN.
INSTALLATION	INDOOR
PROTECTION DEGREE	IP 22
INSTRUMENTATION	OUTPUT DIGITAL MULTIMETRE
OVERVOLTAGE PROTECTION	OUTPUT CLASS II SURGE ARRESTORS (OVER 60KVA ±)
QUANTITY	4

SPECIFICATION SCHEDULE FOR UNINTERRUPTIBLE POWER SUPPLY (UPS)

PARAMETER	MINIMUM REQUIREMENT
CAPACITY	40-45KVA
INPUT VOLTAGE	380/400/415 Vac +/-20%, three phase + N + PE
FRQUENCY	40 ~ 70 Hz (auto sensing)
POWER FACTOR	>0.99
BYPASS VOLTAGE	380/400/415 Vac +15% ~ -20%, three phase + N + PE
OUTPUT VOLTAGE	380/400/415 Vac +/-1% (balanced load); +/-1.5% (unbalanced load) three phase + N + PE
POWER FACTOR	0.9
WAVE FORM	CLEAN SINE WAVE
THD	<1% (linear load); <3% (non-linear load)
BATTERY TYPE	VRLA
BATTERY VOLTAGE	±192/±240 Vdc (battery quantity configurable within 32 ~ 44 pcs)
OVERLOAD ABILITY	1 h / 10 m / 1 m / 200 ms (110% / 125% / 150% /

PARAMETER	MINIMUM REQUIREMENT
	higher)
EFFICIENCY	95% (Normal Mode); 95% (Battery Mode); 98% (ECO)
DISPLAY	LCD touch screen + LED
COMMUNICATION PORT	RS232 + RS485 + Dry Contact + SNMP Card + gen. port
ENCLOSURE LEVEL	IP20
CABLE ENTRY	bottom-top
OPERATION TEMPERATURE	-25 ~ 70°C
HUMIDITY	0 ~ 95% (non-condensing)
NOISE	< 55 dB
QUANTITY	4