

NUEVAS UPS

VANGUARD II

Potencias disponibles

10 KVA

20 KVA

30 KVA

40 KVA

TRIFÁSICA



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NUEVAS UPS

VANGUARD II



CARACTERÍSTICAS

MODELO	VGDI-10K33	VGDI-15K33	VGDI-20K33	VGDI-30K33	VGDI-40K33
CAPACITY					
CAPACITY (VA)	10 KVA	15 KVA	20 KVA	30 KVA	40 KVA
CAPACITY (WATTS)	10 KVA	15 KVA	20 KVA	30 KVA	40 KVA
MAIN INPUT					
GRID SYSTEM	3 PHASES + NEUTRAL + GROUND				
VOLTAGE	380/400/415VAC (LINE-LINE)				
VOLTAGE RANGE	FULL LOAD : 304~478 VAC (LINE-LINE) / OTHER : 228V~304 VAC (LINE-LINE) (LOAD DECREASES LINEARLY ACCORDING TO THE MIN PHASE VOLTAGE)				
FREQUENCY	50/60HZ				
FREQUENCY RANGE	40HZ TO 70HZ				
POWER FACTOR					
CURRENT THDI	< 4 % (FULL LINEAR LOAD)		< 3 % (FULL LINEAR LOAD)		
OUTPUT					
INVERTER VOLTAGE	380/400/415VAC (LINE-LINE)				
INVERTER FREQUENCY	50/60HZ				
OUTPUT POWER FACTOR	1*				
VOLTAGE PRECISION	± 1.5% (0-100% LINEAR LOAD)				
TRANSIENT RESPONSE	<5% FOR STEP LOAD (20% - 80% -20%)				
TRANSIENT RECOVERY	< 30MS FOR STEP LOAD (20% - 100% -20%)				
OUTPUT VOLTAGE THDU	<1% (LINEAR LOAD); <5.5% (NON-LINEAR LOAD) ACCORDING TO IEC/EN62040-3		<1% LINEAR LOAD; <6% (NON-LINEAR LOAD) ACCORDING TO IEC/EN62040-3		
INVERTER OVERLOAD	100% TO 110%, 60MIN 110% TO 125%, 60 MIN - 10 MIN 125% TO 150%, 10 MIN - 1 MIN		100% TO 110%, 30MIN 110% TO 125%, 30MIN - 5 MIN 125% TO 150%, 5 MIN - 10 SECONDS		
FREQUENCY REGULATION	50/60HZ ± 0.1%				
SYNCHRONIZED RANGE	DEFAULT: ± 3HZ SETTABLE RANGE: ± 0.5HZ TO ± 5HZ				
SYNCHRONIZED SLEW RATE	DEFAULT: 0.5HZ/S SETTABLE RANGE: 0.5HZ/S TO 3HZ/S				
BATTERY AND CHARGER					
BATTERY VOLTAGE	± 240VDC				
CHARGER VOLTAGE PRECISION	1%				
CHARGER POWER	MAX = 20% SYSTEM POWER				
BYPASS INPUT					
VOLTAGE	380/400/415VAC (LINE-LINE)				
VOLTAGE RANGE	SELECTABLE, DEFAULT -20% TO +15%; UPPER LIMIT: +10%, +15%, +20%, +25%; LOWER LIMIT: -10%, -15%, -20%, -30%, -40%				
FREQUENCY	50/60HZ				
FREQUENCY RANGE	SELECTABLE RANGE: ± 1HZ, ± 3HZ, ± 5HZ				
BYPASS OVERLOAD	125% LONG TERM OPERATION; 125% TO 130% FOR 10MIN; 130% TO 150% FOR 1MIN				
EFFICIENCY					
NORMAL OPERATION	95.0% MAX		> 95.0%		> 96.0%
BATTERY OPERATION	94.5% MAX		> 95.0%		> 96.0%
ENVIRONMENTAL					
OPERATION TEMPERATURE	0 ~ 40 °C				
STORAGE TEMPERATURE	-40 ~ 70 °C				
RELATIVE HUMIDITY	0 ~ 95% (NON CONDENSING)				
NOISE (1M FROM SURFACE)	58DB @ 100% LOAD / 52DB @ 45% LOAD		65DB @ 100% LOAD / 62DB @ 45% LOAD		
ALTITUDE	NORMAL: < 1000M; POWER DECLINED 1% PER 100M FROM 1000M TO 2000M				
PHYSICAL DATA					
DIMENSION (W*D*H,MM)	250 * 840 * 715	250 * 840 * 715	350 * 738 * 1335	350 * 738 * 1335	500 * 840 * 1400
WEIGH (KG) (WITHOUT BATTERY)	53	50	96	96	164
SYSTEM					
DISPLAY	LED + LCD TOUCH SCREEN				
INTERFACE	STANDARD: RS232, RS485, DRY CONTACT / OPTIONAL: SNMP				
OTHER FUNCTION	STANDARD: BATTERY COLD START OPTIONAL: PARALLEL KIT				
MAXIMUM PARALLEL Q'TY	8 UNITS				

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