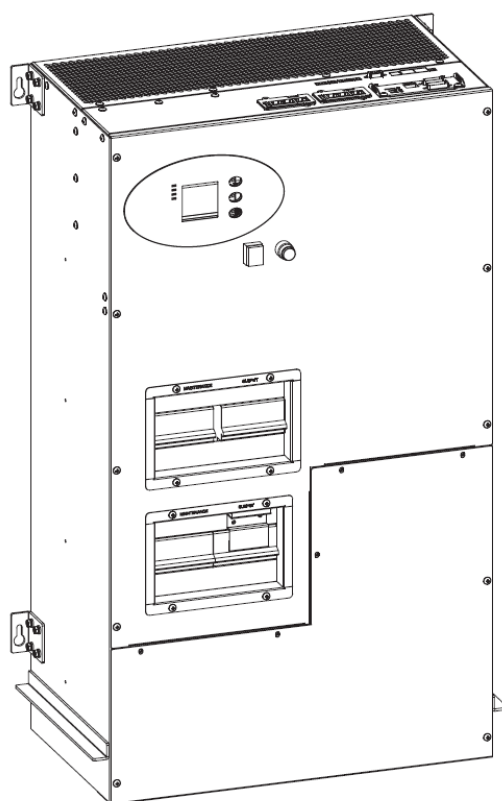


SWITCHBOARD 60



MODEL	SWITCHBOARD 60
Technology	On-line Double Conversion
Capacity	60kVA / 60kW
INPUT	
Nominal voltage	380/400/415Vac, (3Ph+N+PE)
Operating voltage range	138~485Vac
Operating frequency range	40Hz-70Hz
Power factor	≥0.99
Harmonic distortion (THDi)	≤3% (100%non-linear load)
Bypass voltage range	220Vac Max.voltage: +25%(optional +10%,+15%,+20%) 230Vac Max.voltage: +20%(optional +10%,+15%) 240Vac Max.voltage: +15%(optional +10%) Min. voltage: -45% (optional -20%,-30%) Frequency synchronize tracing range: ±10%
Generator input	Support
OUTPUT	
Output voltage	380/400/415Vac (3Ph+N+PE)
Voltage regulation	±1%
Power factor	1.0
Output frequency	1.Line Mode: synchronize with input; when input frequency >±10% (±1%/±2%/±4%/±5% optional) 2.Battery Mode:50/60*(1±0.02%)Hz
Crest factor	3:1
Harmonic distortion (THD)	≤2% with linear load ≤4% with non linear load
Efficiency	95.5%
BATTERY	
Battery voltage	Optional Voltage: ±180V/±192V/±204V/±216V/±228V/±240/±252/±264/±276/±288/±300Vdc(30/32/34/36/38/40/42/44/46/48/50pcs optional) 360Vdc~600Vdc (30~50 pcs, 36 pcs define, 36 and 50 pcs no power derating; 32 and 34 pcs output power factor 0.9, 30 pcs output power factor 0.8;)
Charge Current(A) (charge current can be set according to battery capacity installed)	Max. current 20A
SYSTEM FEATURES	
Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms
Overload	Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min
Alarm	overload, utility abnormal, UPS fault, battery low, etc.
Backfeed	Support
Protection	short circuit, overload, over temperature, battery low, fan fault alarm.
Communication	USB,RS232, RS485, Parallel port, REPO port, LBS port, Backfeed port, Intelligent slot, SNMP card (optional), Relay card (optional)

ENVIRONMENTAL	
Operating temperature	0℃～40℃
Storage temperature	-25℃～55℃(no battery)
Humidity range	0～95% (non condensing)
Altitude	< 1500m.When>1500m,lower the rated power for use
Noise level	<60dB
PHYSICAL	
Dimension D×W×H (mm)	281x490x855 281x540x855 (included fixing brackets)
Net weight (kg)	73
Installation type	Vertical
Support type	Wall
STANDARDS	
Safety	IEC/EN62040-1,IEC/EN60950-1
EMC	IEC/EN62040-3, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8



Naicon

UNIT



Diloc



Elsist



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