

Advanced AC Node Hub



For Single Phase System



For Three Phase System



AC Node Panel

For Single Phase and Three Phase System

Advanced AC Node Hub (ANHa-series) allows you to link each NODEX cluster as the network easily and efficiently. Energy can be shared. Power can be expanded. In the event of failure in any NODEX, the system remains continuously operating because the other NODEXs cluster can provide power and share there energy to the failure node.



ANHa Rack Mount 6U (1-phase)



ANHa Rack Mount 6U (3-phase)



ANP Rack Mount 3U

Advanced AC Node Hub

- Flexible AC connection hub
- Easy connection and installation
- Combine bidirectional inverters, grid connected inverters and diesel generators
- Automatic / Manual generator control
- LED and LCD display
- AC surge protection
- RS-485 communication to System Control Unit (SCU)
- Link your NODEX together as the network
- Synchronize diesel generator bus to inverter bus
- Built-in surge protecting device, location category C1
- Bus-tie utility input (option) to inverter bus



ANH Rack Cabinet 30U

ANH Rack Cabinet 42U

AC Node Panel

- Flexible AC connection hub
- Easy connection and installation
- LED indicators
- Link inverters to Advanced AC Node Hub together

Advanced AC Node Hub			ANH1a-121212	ANH1a-204520	ANH3a-202020	ANH3a-204520	ANH3a-406030	ANH3a-609060	ANH3a-8012580	ANH3a-100150100	ANH3a-160240160	ANH3a-200300200	
INPUT	Bidirectional Inverter (BDI)	Number of BDI	2 units	3 units	3 units	3 units	3 units	-	-	-	-	-	
		Max. BDI power per Node	6 kW	6 kW	6 kW	6 kW	6 kW	-	-	-	-	-	
	AC Node Panel	Max. BDI power	-	-	-	-	18 kW	54 kW	72 kW	90 kW	144 kW	180 kW	
	Grid Connected Inverter (GCI)	Max. GCI power per Node	-	20 kW	20 kW	20 kW	30 kW	60 kW	80 kW	100 kW	160 kW	200 kW	
		Diesel Generator (DG) (Alternate runing)	Number of DG	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit	1 unit
		Max. DG power	12 kW	45 kW	20 kW	45 kW	60 kW	90 kW	125 kW	150 kW	240 kW	300 kW	
		Phase	Single phase			Three phase							
	Start / stop generator	Relay dry contact 10 A (2 sets of ACC contact for 2 diesel generators (alternate start))											
OUTPUT	Max. load power		12 kW	20 kW	20 kW	20 kW	30 kW	60 kW	80 kW	100 kW	160 kW	200 kW	
SYSTEM	Voltage		220 / 230 / 240 Vac			380 / 400 / 415 Vac (L-L), 220 / 230 / 240 Vac (L-N)							
	Frequency		50 / 60 Hz			50 / 60 Hz							
	Phase		Single phase			Three phase							
PROTECTION	AC surge protector	Protection mode	L-N, L-E, N-E			L-L, L-N, L-E, N-E							
		Surge capability (Imax)	40 kA			20 kA / phase							
		Location category	C1			C1							
INDICATOR			LED and LCD display			LED and LCD display							
COMMUNICATION INTERFACE			RS-485			RS-485							
ENVIRONMENT	Temperature		0-50°C (Extended range 0-70°C) (Derated output above 50°C)			0 - 50°C (Extended range 0 - 70°C) (Derated output above 50°C)							
	Relative humidity		0 - 95% (non-condensing)			0 - 95% (non-condensing)							
DIMENSION	W x H x D (Rack mounted)		54 x 26.3 x 56.4 (6U)			54 x 26.3 x 60.1 cm (6U)			80 x 174 x 100 cm (30U)			80 x 227 x 100 cm (42U)	
WEIGHT	Approximate in kg		24.2 kg	26.5 kg	28 kg	28 kg	33.2 kg	207 kg	217 kg	260 kg	294 kg	302 kg	

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

AC Node Panel			ANP1-2031	ANP3-2033
INPUT	Bidirectional Inverter (BDI)	Number of BDI	3 units	3 units
		Max. BDI power per Node	6 kW	6 kW
OUTPUT	Max. load power		20 kW	20 kW
SYSTEM	Voltage		220 / 230 / 240 Vac, 50 / 60 Hz	380 / 400 / 415 Vac (L-L), 220 / 230 / 240 Vac (L-N), 50 / 60 Hz
	Phase		Single phase	Three phase
ENVIRONMENT	Temperature		0 - 50°C (Extended range 0 - 70°C) (Derated output above 50°C)	0 - 50°C (Extended range 0 - 70°C) (Derated output above 50°C)
	Relative humidity		0 - 95% (non-condensing)	0 - 95% (non-condensing)
DIMENSION	W x H x D		49.8 x 13 x 55 cm (3U)	49.8 x 13 x 55 cm (3U)
WEIGHT	Approximate in kg		8 kg	10 kg

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Authorized Distributor

LEO ELECTRONICS CO.,LTD.

27, 29 Soi Bangna-Trad Rd 34, Bangna Tai, Bangna, Bangkok 10260 THAILAND Tel. 0-2746-9500 Fax. 0-2746-8712 e-mail : RNE@leonics.com ■ www.leonics.com ■