Power

for your cable and communications systems…

Solutions

NKMD Series

Standby Power Supply

- Industry-proven backup power solutions for cable systems in outdoor powering applications
- Line interactive ferro-resonant technology
- Micro-processor controlled clear and regulated quasi-square wave output
- 3.2” color touch-screen display provides very smart & friendly operation
- Intelligent battery management system with temperature compensation
- Excellent input, output and short-circuit protections
- Easily accessible front panel connections
- Hot swappable inverter modules
- Field-selectable output voltage
- Optional DOCSIS / EuroDOCSIS embedded status monitoring
- Low Voltage Directory (LVD) and EMC directory compliance

Optional features (from left to right): PME Pole & Wall Mount Enclosure - Power Inserter and DOCSIS 3.0 Transponder.

NKMD Series Standby Power Supply

Nominal Specifications

Model	Input voltage (VAC) [1]	Input frequency (Hz)	Output voltage (VAC)	Output current (A)	Maximum output power (VA)	Battery voltage (VDC)	Runtime (min) [3]	Net weight (kg/lbs)
NKMD-6015-L	220	60	60	15	900	36	220	29/64
NKMD-6015-W	220	50	60	15	900	36	220	29/64
NKMD-6915-L120	120	60	60/90[2]	15/10	900	36	220	29/64
NKMD-6915-W	220	50	60/90[2]	15/10	900	36	220	29/64
NKMD-6922-L	220	60	60/90[2]	22/15	1350	36	140	33/73
NKMD-6922-W	220	50	60/90[2]	22/15	1350	36	140	33/73
NKMD-6922-L120	120	60	60/90[2]	22/15	1350	36	140	33/73

1. Input voltages of 100VAC 60Hz, 110VAC 60Hz, 115VAC 60Hz, 120VAC 60Hz, 220VAC 60Hz, 230VAC 50Hz and 240VAC 50Hz are available also. Please contact us directly for details.
2. Output voltage of the model is field selectable.
3. Standby times based on single string 100AH batteries at 25℃ (77℉) and typical 80% load. Figures may vary according to battery age, capacity & condition, type of load, temperature and other factors.
4. Both input voltage and output voltage can be customized. Please contact us for details.

General Specifications

Input	
Voltage range	-20% to 15%
Power factor	>0.90 at full load
Output	
Voltage regulation	5%
Waveform	Quasi-square
Frequency stability	±0.05% inverter mode
	±1% normal mode
Short circuit current	150% of max. current rating
Efficiency	≥90%
Transfer characteristic	4ms
Battery & Charger	
Battery type	Sealed maintenance free VRLA
Charger current	10A at 80% load and nominal input
Charging time	8 hours typical to 90% capacity
Mechanical	
Status display	Color touch screen display
Input Interface	IEC320/C20
Output Interface	5/8” F Type & Anderson connectors
Finish	Black powder coating
Dimensions	368x210x298mm
(WHD)	14.5” x 8.3” x 11.8”
Environmental	
Operating temperature	-40℃ to 5 5℃ / -40℉ to 131℉
Operating humidity	0 to 95% non-condensing

Optional Features

Power Inserter
> Dual switchable AC input connections
> 1000MHz bandwidth performance
> Single RF interface for transponder
> Embedded surge protection module

Enclosure
> Pole and wall mount installations
> Built of durable powder coated aluminum
> Heavy-duty battery slide tray
> Optional external breaker box
> Generator access entry
> Security lock

DOCSIS Transponder
> DOCSIS / EuroDOCSIS 3.0
> Integrated web server for status viewing
> Local diagnose
> Temperature hardened
> Spectrum Analyzer inside
> FCC / IEEE / RoHS Directive compliant