

OPTIONS GUIDE



610-868-3500

44 S. COMMERCE WAY
BETHLEHEM, PA 18017

Option	Code	Hypernova	Supernova	EM	LV T1	LV T2/T3	LV Grid T1	LVM	LVU	CR	DR	SR	Description
Remote Summary Alarm Panel	A	X	X	X						X	X		LED indicator and Sound alert
Battery Cabinet Fan	BCF	X											Fan in battery cabinets (3 phase only) activated whenever system goes to emergency
Battery Temperature Monitor	BTM	X	X	X						X	X		1. Warning alarm: warns when battery temperature is getting too high 2. Absolute alarm: when temperature reaches high temp this shuts down the string of batteries where the hot battery is.
Output Circuit Breaker lock(s)	BL	X	X	X						X	X		Allows customer to lock OCB in on or off position
Status Monitoring Contacts	C	X	X	X	X	X				X	X		5 form C dry contacts: 1. System in Bypass 2. Summary Alarm: any alarm in the FMP 3. Output trip alarm 4. Utility failure 5. Inverter on
Drip Top (NEMA 2)	DT	X	X	X	X	X							Metal piece designed to direct falling water away from the unit
Dimming Relay	DR				X	X	X	X					Breaks the 0-10 volt
Floor Mount Bracket (add 4" to height of system)	F			X									Allows client to get the EM off the floor
Floor Mount Bracket (add 2.7" to height of system)	B				X	X	X						Allows client to get the LV off the floor
Fast Charge	F	X	X		X	X				X	X		Allows the system to recharge in 12 hours from LVD
Grid Plenum Rated	G				X			X					Provides additional mounting bracket that allows unit to be mounted on in ceiling grid - LV 175VA only
Handheld Meter	HH					X							Handheld meter panel - for Type 3 metering option
Inverter on Dry Form C Contact	I	X	X	X						X	X		Form C dry contact which opens when inverter is on
Infrared Remote test	R				X	X	X						Test can be performed using a specially designed infrared pen
Load Control Relay Dimmer or Bypass Switch	L	X	X	X									Equal to an LVS EPC-2-D
TVSS Line filter	LF				X	X	X						Designed to capture "transient voltage surges" using MOV technology
Internal Maintenance Bypass	M		X	X									Toggle switch designed to disconnect inverter from electrical system for maintenance (Make before break)
Internal Maintenance Bypass Break Before Make	M(BBM)	X	X	X									Same as above except break before make
No Test (Theater applications)	NT				X	X	X						Testing function disconnect at the request of customer example: theater application
Output Transfer Delay	O	X	X	X	X	X	X			X	X		Device designed to delay transfer from 1-6 seconds. Used when control system can not detect the fast transfer
Remote Status Panel (Status alarms, Requires C Option)	P	X	X	X						X	X		Single gang box showing status of alarms, requires C option
Remote Meter Panel	R	X	X							X	X		Full size meter panel mounted remotely in a NEMA 1 enclosure
Remote Meter Panel	RMP					X							Smaller meter panel mounted in an enclosure or handheld
Remote Test Switch, Alarm & Indicator	RT				X		X						Test switch mounted in a single gang box with indicator lights and alarm
Summary Fault Form C contacts	S	X	X	X									Relay contact showing any alarm
Serial to Ethernet Adapter	SEA	X	X	X						X	X		RS232 to Ethernet adapter
Output Trip Alarm	T	X	X	X						X	X		Alarms when any OCB is tripped
Time Delay 15 minutes	V	X	X	X						X	X		Delays transfer back to utility power for up to 15 minutes, not used much anymore mostly for HID
Wall Mount Bracket	W			X				X					Bracket for mounting system on the wall
Seismic Mounting	Z	X	X	X									Instructions and hardware for mounting system in standard seismic applications
Battery Strapping	S			X	X	X							Strapping of the batteries to stop movement
Zone Monitoring (Qty must be specified 3 maximum)	Z				X	X	X						3 zones max, used to monitor other phases in 3 phase utility system or to monitor external CB panels. Not necessary with normally on OCB's.
Zone Monitoring (Qty must be specified)	ZM	X	X	X									same as above
BACnet	BAC	X	X	X		X				X	X		"MSTP" allow upload of FMP data via RS232 intermediate device. This info can then be downloaded to customer device.
BACnet IP	BIP	X	X	X		X				X	X		Same as above except allows direct communication via IP
IOT inverter Connect Cloud communication	IOT	X	X	X		X				X	X		System using the Cloud to allow monitoring of multiple systems in one location
Modbus TCP/IP	MIP	X	X	X		X				X	X		Same as BACnet IP
Modbus RTU	MOD	X	X	X		X				X	X		Same as BACnet MSTP
Startup & Same day training	2YW	X	X	X						X	X	X	Factory start up which extends electronics warranty by an additional year
Startup & Same day training and full run test	2YWT	X	X	X						X	X	X	Same as 2YW. Includes full load test using customer load or load bank
5-Year Service Plan	5YP	X	X	X						X	X	X	Annual (once or twice) visit to perform preventative maintenance
5-Year Extended Electronics Warranty	5YW	X	X	X						X	X	X	Same as 2YW except extends the electronics warranty and additional 3 years (5 total)
Training (if required on separate day)	TR	X	X	X						X	X	X	Only used if required by owner
External Maintenance bypass switch	EMBP	X	X	X									Maintenance bypass switch mounted external to the system. Can not use with OCB's
Spare parts kit	SPARES	X	X	X									Complete parts kits including PC boards
Spare fuses	SPAREF	X	X	X									Spare fuses only
Heater	H									X	X	X	Internal shelf mounted heater
Keypad/Display Panel	M											X	Used when setting up system (one per site)
Emergency Load Enable	E(xxx)											X	Allows end user to enable system only when emergency egress is required