

# CPLMD1842M250G

NHP Concept Plus P/board Metering 1296mm IP42 Dual Energy  
Meter Split DIN-T 18 42 Way 250A MSW Grey



**CONCEPT**  
PLUS | PANELBOARD



<b>Component type</b>	Small distribution board
<b>Range</b>	Concept Plus
<b>Model</b>	N/A
<b>Product status</b>	Existing

NHP's Concept Plus Panelboard is a market leading Panelboard for general purpose applications offering a large range of feature and options. A fully welded construction provides robust strength, with 3rd party tested IP42 rating, upgradeable to IP52. Extra space has been designed in to allow for last minute upgrades, as well as an inbuilt cable management system. With the professional looking finish that you expect, the Concept Plus Panelboard meets the latest Standards requirements complying to AS/NZS 61439.3. A wide range is available from standard DB or one with metering or isolation chassis. EV charging options.

## ELECTRICAL

Rated current In	250.0 A
Number of outgoing ways	60
Number of poles, 18mm pitch	60
Max. rated operation voltage Ue AC	415.0 V
Rated impulse withstand voltage Uimp	6.0 kV
Rated insulation voltage Ui	500.0 V
Number of poles main switch	3
Main switch rated current	250.0 A
Neutral terminal block	Yes
Neutral bar rated current	250.0 A
Earthing terminal block	Yes
Integrated energy metering function	Yes

## CONSTRUCTION

Spare DIN equipment space (poles)	14
Material housing	Steel
Material thickness	1.6 mm
Colour	Grey
Degree of protection (IP)	IP42
Type of cover	Door
Material thickness cover	1.6 mm
With lock	Yes
Mounting method	Surface mounted (plaster)

## MECHANICAL

Impact strength	IK10
-----------------	------

## DIMENSIONS

Height	1296.0 mm
Width	600.0 mm
Depth	200.0 mm

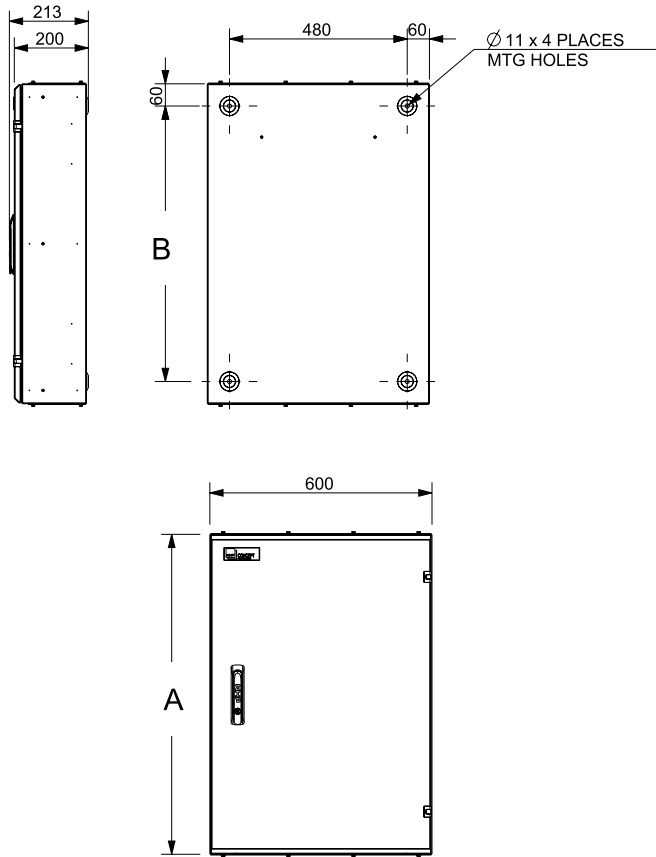
# CPLMD1842M250G

NHP Concept Plus P/board Metering 1296mm IP42 Dual Energy Meter Split DIN-T 18 42 Way 250A MSW Grey



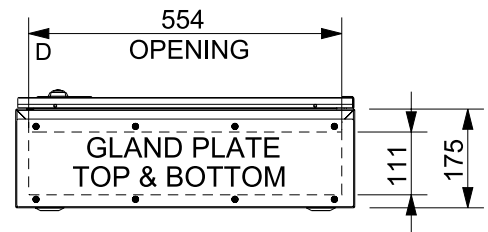
**CONCEPT**  
PLUS | PANELBOARD

## DIMENSIONAL DIAGRAM



Module Size	A	B
2	432mm	312mm
3	648mm	528mm
4	864mm	744mm
5	1080mm	960mm
6	1296mm	1176mm
7	1512mm	1392mm
8	1728mm	1608mm
9	1944mm	1824mm

Plan view



## RELATED PRODUCTS

### ACCESSORY



**Item No:** CELABGBBK

**Required:** No

**Description:** NHP Concept Plus and Premier Panelboard Accessory Wall Mounting Brackets Black



**Item No:** CELAELK1W

**Required:** No

**Description:** NHP Concept Panelboard Accessory Emergency Lighting Test Unit Push Button Open Type



**Item No:** CELACMSA4

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Schedule Card Holder 7mm Pocket A4 White



**Item No:** CELAELK2W

**Required:** No

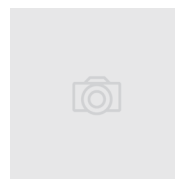
**Description:** NHP Concept Panelboard Accessory Emergency Lighting Test Unit Key Switch Open Type



**Item No:** CELACPA4

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Schedule Card Holder Flat A4 Polycarbonate Clear



**Item No:** CELAFK6SG

**Required:** No

**Description:** NHP Concept Plus and Premier Panelboard Accessory Flush Kit 1296mm Grey

# CPLMD1842M250G

NHP Concept Plus P/board Metering 1296mm IP42 Dual Energy  
Meter Split DIN-T 18 42 Way 250A MSW Grey



**CONCEPT**  
PLUS | PANELBOARD

## RELATED PRODUCTS

### ACCESSORY



**Item No:** CELBECEB4

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Extension Bar Suit  
250A Bars

**Item No:** CELBNC12A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 250A 12 Way 2  
Screws 1 to 12

**Item No:** CELBNC24A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 250A 24 Way 2  
Screws 1 to 24

**Item No:** CELBNC36A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 250A 36 Way 2  
Screws 1 to 36

**Item No:** CELBNC48A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 250A 48 Way 2  
Screws 1 to 48

**Item No:** CELBNG12A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 400A 12 Way 2  
Screw 1 to 12

**Item No:** CELBNG24A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 400A 24 Way 2  
Screws 1 to 24

**Item No:** CELBNG36A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 400A 36 Way 2  
Screws 1 to 36



**Item No:** CELBNB48A2

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar 400A 48 Way 2  
Screws 1 to 48

**Item No:** CELBTC1CC

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar Connection Tag  
250A

**Item No:** CELBTG1CC

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Earth Neutral Bar Connection Tag  
400A

**Item No:** CELDLR6MS

**Required:** No

**Description:** NHP Concept Plus and Premier  
Panelboard Accessory Door Locking Rods Size  
6 Modules

**Item No:** CELEN24

**Required:** No

**Description:** NHP Concept Plus and Premier  
Panelboard Accessory Earth Neutral Kit 24  
Way

**Item No:** CELEN24D

**Required:** No

**Description:** NHP Concept Plus and Premier  
Panelboard Accessory Earth Neutral Bar Kit 24  
Way Dual Bar Odd and Even

**Item No:** CELEN36

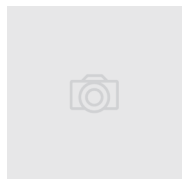
**Required:** No

**Description:** NHP Concept Plus and Premier  
Panelboard Accessory Earth Neutral Kit 36  
Way

**Item No:** CELES6D84AP

**Required:** No

**Description:** NHP Concept Panelboard  
Accessory Escutcheon 72 and 84 Way 6  
Modules 1296mm White



# CPLMD1842M250G

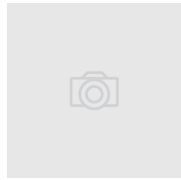
NHP Concept Plus P/board Metering 1296mm IP42 Dual Energy  
Meter Split DIN-T 18 42 Way 250A MSW Grey



**CONCEPT**  
PLUS | PANELBOARD

## RELATED PRODUCTS

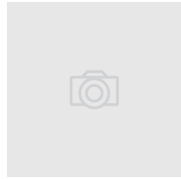
### ACCESSORY



**Item No:** CELES6D84LAP

**Required:** No

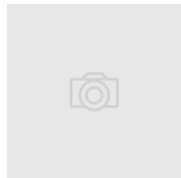
**Description:** NHP Concept Panelboard Accessory Escutcheon 72 and 84 Way 6 Modules 1296mm White LockDin



**Item No:** CELES6NAP

**Required:** No

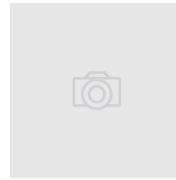
**Description:** NHP Concept Panelboard Accessory Escutcheon Blank 6 Mosules 1296mm White



**Item No:** CELGBCK3D

**Required:** No

**Description:** NHP Concept Panelboard Accessory Chassis Connection Kit Direct GB 3Pole



**Item No:** CELHDSZNKIT

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Swing Handle IP66 Non Lockable



**Item No:** CELNCK3D

**Required:** No

**Description:** NHP Concept Panelboard Accessory Chassis Connection Kit Direct NC 3Pole



**Item No:** CELSNM517

**Required:** No

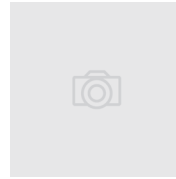
**Description:** NHP Concept Panelboard Accessory Support Neutral suits CPL and CPR



**Item No:** CELHCRP21A60

**Required:** No

**Description:** NHP Concept Panelboard Accessory Locking Roller Cam 1 Point 22mm



**Item No:** CELSU

**Required:** No

**Description:** NHP Concept Panelboard Accessory Support Duct Bracket



**Item No:** CELHCRP21C60

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Handle Cam Roller Three Point



**Item No:** CPLAPDGAL

**Required:** No

**Description:** NHP Concept Plus Panelboard Plinth Kit Double 75mm Hot Dip Galvanised



**Item No:** CELHDSPBE

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Swing Handle E Key



**Item No:** CPLAPSGAL

**Required:** No

**Description:** NHP Concept Plus Panelboard Plinth Kit Single 75mm Hot Dip Galvanised



**Item No:** CELHDSPPP

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Swing Handle Pad Lockable 10mm



**Item No:** CPLAPTGAL

**Required:** No

**Description:** NHP Concept Plus Panelboard Plinth Kit Triple 75mm Hot Dip Galvanised



**Item No:** CELHDSPS9

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Swing Handle 92268



**Item No:** CPLBSNC

**Required:** No

**Description:** NHP Concept Plus Panelboard Accessory Neutral Strap Bar 250A suits CPL



**Item No:** CELHDSPSC

**Required:** No

**Description:** NHP Concept Panelboard Accessory Door Swing Handle CI001



**Item No:** CPLEGGF

**Required:** No

**Description:** NHP Concept Plus Panelboard Gland Plate Gasket Foam

# CPLMD1842M250G

NHP Concept Plus P/board Metering 1296mm IP42 Dual Energy Meter Split DIN-T 18 42 Way 250A MSW Grey



**CONCEPT**  
PLUS | PANELBOARD

## RELATED PRODUCTS

### ACCESSORY



**Item No:** CPLEGPAL3

**Required:** No

**Description:** NHP Concept Plus Panelboard Gland Plate Aluminium 3mm



**Item No:** CPLEGPBK5

**Required:** No

**Description:** NHP Concept Plus Panelboard Gland Plate Bakelite 5mm



**Item No:** CPLEGPBR3

**Required:** No

**Description:** NHP Concept Plus Panelboard Gland Plate Brass 3mm



**Item No:** CPLEGPMS1SG

**Required:** No

**Description:** NHP Concept Plus Panelboard Gland Plate Steel 1.6mm Grey



**Item No:** CPRACC24G

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 432mm IP66 DIN 24 Way Cutout Escutcheon Grey



**Item No:** CPRACC2MEG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 432mm IP66 with Blank Escutcheon Grey



**Item No:** CPRACC3MEG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 648mm IP66 with Blank Escutcheon Grey



**Item No:** CPRACC3MG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 648mm IP66 without Escutcheon Grey



**Item No:** CPRACC5MEG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 1080mm IP66 with Blank Escutcheon Grey



**Item No:** CPRACC6MEG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 1296mm IP66 with Blank Escutcheon Grey



**Item No:** CPRACC72G

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 648mm IP66 DIN 72 Way Cutout Escutcheon Grey



**Item No:** CPRACC7MEG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 1512mm IP66 with Blank Escutcheon Grey



**Item No:** CPRACC8MEG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 1728mm IP66 with Blank Escutcheon Grey



**Item No:** CPRACC9MEG

**Required:** No

**Description:** NHP Concept Premier Panelboard Accessory Module 1944mm IP66 with Blank Escutcheon Grey



**Item No:** CPRBSNC

**Required:** No

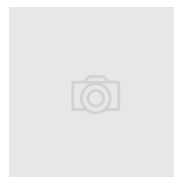
**Description:** NHP Concept Premier Panelboard Accessory Neutral Strap Bar 250A suits CPR



**Item No:** CPSCHEDULECARD

**Required:** No

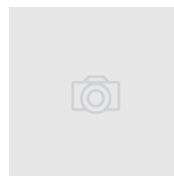
**Description:** NHP Concept Panelboard Accessory Label Door A4 Schedule Card



**Item No:** DA28400

**Required:** No

**Description:** STEGO Pressure Compensation Device Plastic M40 IP66 and X9K Qty 2



**Item No:** DA28404000

**Required:** No

**Description:** STEGO Pressure Compensation Device Aluminium M12 IP67 Qty 1

# CPLMD1842M250G

NHP Concept Plus P/board Metering 1296mm IP42 Dual Energy Meter Split DIN-T 18 42 Way 250A MSW Grey



**CONCEPT**  
PLUS | PANELBOARD

## RELATED PRODUCTS

### ACCESSORY



**Item No:** DA28406

**Required:** No

**Description:** STEGO Pressure Compensation Device Plastic M12 IP66 and X9K Qty 2



**Item No:** DA28420000

**Required:** No

**Description:** STEGO Pressure Compensation Device Plastic M40 IP66 Qty 1



**Item No:** DA28455

**Required:** No

**Description:** STEGO Pressure Compensation Device 303 Stainless M40 IP66 and X9K



**Item No:** DD084

**Required:** No

**Description:** STEGO Drainage Device Plastic IP66 and IP67 and IP69K M50



**Item No:** DINTMS1001

**Required:** No

**Description:** NHP DIN-T Main Switch 1Pole 100A



**Item No:** DINTMS1003

**Required:** No

**Description:** NHP DIN-T Main Switch 3Pole 100A



**Item No:** DINTT100A

**Required:** No

**Description:** NHP DIN-T Accessory Through Terminal 100A 1Pole



**Item No:** DTPF12

**Required:** No

**Description:** NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments



**Item No:** FXSM5TX10HD12Z

**Required:** No

**Description:** NHP Concept Panelboard Accessory Screw M5 x 10mm Thread Forming Hex Flat Head Pozidrive No 2 Slot



**Item No:** KEY92268

**Required:** No

**Description:** NHP Concept Panelboard Accessory Key 92268 to Key 92268 Qty 2



**Item No:** KEYCL001

**Required:** No

**Description:** NHP Concept Panelboard Accessory Key CL001 to Key CL001 Qty 2



**Item No:** LABLEG148D

**Required:** No

**Description:** NHP Concept Panelboard Accessory Escutcheon Label 1 to 48 suits DinT



**Item No:** LABLEG4996D

**Required:** No

**Description:** NHP Concept Panelboard Accessory Escutcheon Label 49 to 96 suits DinT