

15. SOLAR & ELECTRONICS

PRODUCT CODE DESCRIPTION EXCL VAT INCL VAT

LEO AC/DC HYBRID MOTOR



32ACDCSOLCONTRO	LEO AC - DC CONTROLBOX	3 924.00	4 512.60
32ACDCSOLMOTOR	LEO AC - DC 4LPS HYBRID SOLAR MOTOR	16 244.30	18 680.95

DAB SOLAR KIT



3160197761	SOLAR KIT LOW HEAD (SOLAR MOTOR M220SOL+CONTROLLER)	24 000.00	27 600.00
3160197762	SOLAR KIT HIGH HEAD(SOLAR MOTOR M220SOL-H+CONTROLLER)	26 000.00	29 900.00

SPLICING KIT



05SPLICINGKIT	SPLICING/JOINT KIT MX 1-E97	165.09	189.85
77SKIT	SPLICING KIT FIT	450.00	517.50

SOLAR PANELS



05PV300	SOLAR PANELS 300KW	2 043.57	2 350.11
05PV360	SOLAR PANELS 360KW	2 443.27	2 809.76

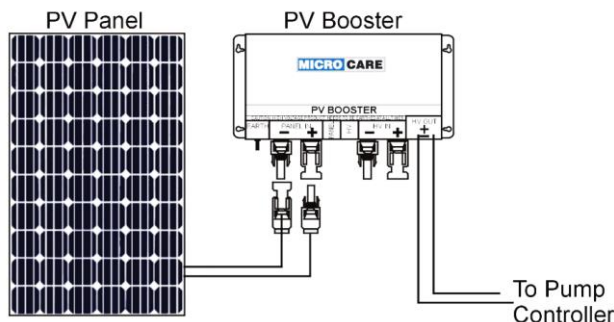
SOLAR VOLTAGE BOOSTER



05PVB350	SOLAR VOLTAGE BOOSTER SINGLE PHASE PVB350	1 928.57	2 217.86
05PVB550	SOLAR VOLTAGE BOOSTER 3 PHASE 550PVB	2 040.00	2 346.00

- Multiplies input voltage by 15
- Input Voltage range: 10 to 50 VDC
- Panel power up to 360W supported
- Modular expansion
- Easy installation—All connections MC4
- Self-protecting design
- Most cost effective option for smaller pump systems
- Fits behind most standard PV panels
- 95% efficient over wide power range
- Electronics fully encapsulated

Model	SVB—350 (Single Phase Applications)	SVB—550 (Three Phase Applications)
PV Voc Range	20V to 50V	
PV Vmp Range	12V to 40V	
Intended use	VMP = 37V, VOUT = 350V	VMP = 37V, VOUT = 550V
Voltage multiplication factor	9.7	14.9
Rated Output Power	360W	
Efficiency	95% (over wide range)	
Ambient Temp Range	-40°C to 75°C	
Protection	4.5kA Surge protection on all inputs	
Dimensions (H x W x D)	70x100x36mm	
Warranty	1 year	



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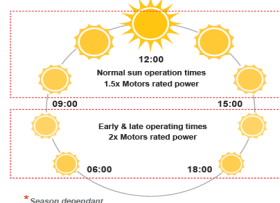
SINGLE PHASE VFD SOLAR PUMP PANELS

Specifying your operating hours

Specify your combined solar panels wattage according to the time of day you wish to pump.

- Normal operating hours* = 1.5 x pumps Kilowatt

- Early & late operating hours* = 2 x pumps Kilowatt



* Season dependant

KW OF MOTOR	IDEALLY 275W PANELS	MIN 275W PANELS
0.75	9	6
1.5	12	7
2.2	16	10

PRODUCT CODE

KW

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SINGLE PHASE PV INDOOR

05GDS07D1	0.75	VFD CRI 220V INDOOR	5 125.01	5 893.76
05GDS15D1	1.5	VFD CRI 220V INDOOR	6 047.01	6 954.06
05GDS22D1	2.2	VFD CRI 220V INDOOR	6 312.01	7 258.81

3 PHASE VFD SOLAR PUMP PANELS



Standard Features:

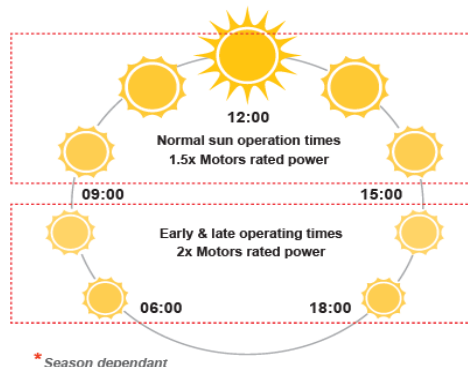
- Multi-status indicator lamp
- On/Off selector switch
- DC fuse protection (includes spare)
- Power and control terminals
- No flow input and underload protection
- Maximum point kir tware + manual override

Specifying your operating hours

Specify your combined solar panels wattage according to the time of day you wish to pump.

- Normal operating hours* = 1.5 x pumps Kilowatts

- Early & late operating hours* = 2 x pumps Kilowatts



* Season dependant

KW OF MOTOR	TOTAL 330W PANELS
2,2	16
3	16
4	30
5,5	32
7,5	45
11	64
15	80
18,5	96
22	128

3 PHASE PV OUTDOOR WITH CHANGEOVER

05055PV4CO	5.5	PV PUMP PANEL 400V OUTDOOR	24 562.85	28 247.28
05075PV4CO	7.5	PV PUMP PANEL 400V OUTDOOR	27 364.25	31 468.89
05110PV4CO	11	PV PUMP PANEL 400V OUTDOOR	31 354.75	36 057.96
05150PV4CO	15	PV PUMP PANEL 400V OUTDOOR	39 409.35	45 320.75
05185PV4CO	18.5	PV PUMP PANEL 400V OUTDOOR	44 342.85	50 994.28
05220PV4CO	22	PV PUMP PANEL 400V OUTDOOR	49 517.85	56 945.53

3 PHASE PV INDOOR WITH CHANGEOVER

05055PV4C	5.5 kW	PV PUMP PANEL 400V INDOOR	23 787.75	27 355.91
05075PV4C	7.5 kW	PV PUMP PANEL 400V INDOOR	26 589.15	30 577.52
05110PV4C	11 kW	PV PUMP PANEL 400V INDOOR	30 469.25	35 039.64
05150PV4C	15 kW	PV PUMP PANEL 400V INDOOR	38 538.80	44 319.62
05185PV4C	18.5 kW	PV PUMP PANEL 400V INDOOR	43 496.45	50 020.92
05220PV4C	22 kW	PV PUMP PANEL 400V INDOOR	48 544.95	55 826.69