

PV Combiner Box



For Solar Charge Controller

- Solarcon SCO-series



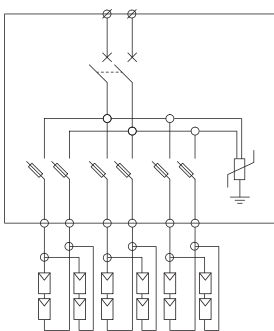
For Grid Connected Inverter

- Gravic G-4000TL series
- APOLLO GTP-4000TL series

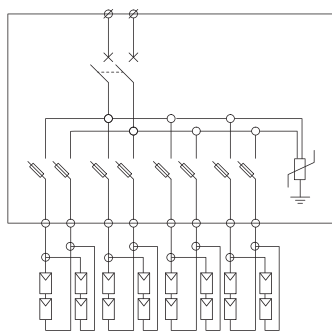
- High reliability with DC fuses, DC surge protectors
- Compact and easy to install
- Convenient wiring
- IP65 enclosure design for outdoor installation
- Combiner box between PV array and solar charge controller (PVC-15031, PVC-15041, PVC-15033, and PVC-15044)
- Combiner box between PV array and inverter (PVC-100011, PVC-100022, PVC-100033 and PVC-100044)

For Solar Charge Controller

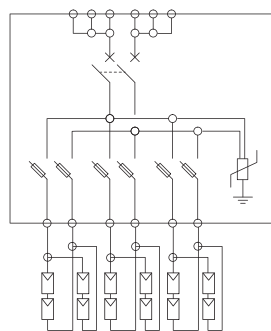
PVC-15031



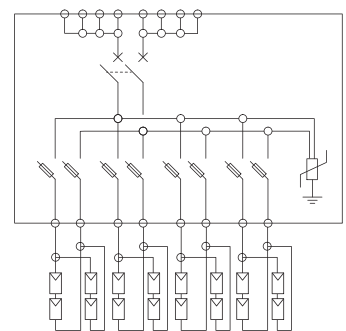
PVC-15041



PVC-15033

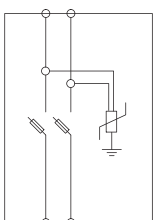


PVC-15044

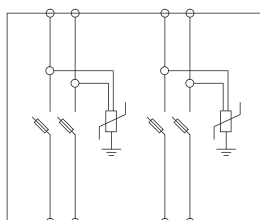


For Grid Connected Inverter

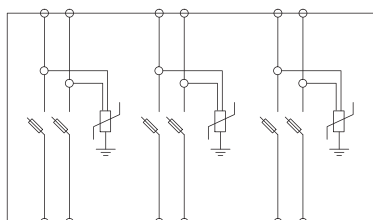
PVC-100011



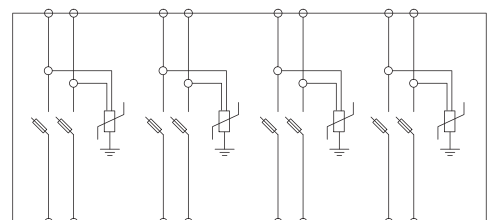
PVC-100022



PVC-100033



PVC-100044



PV Combiner Box for		Solar Charge Controller				Grid Connected Inverter			
Model		PVC-15031	PVC-15041	PVC-15033	PVC-15044	PVC-100011	PVC-100022	PVC-100033	PVC-100044
INPUT	Number of input	3	4	3	4	1	2	3	4
	Number of parallel connected strings per input	2	2	2	2	-	-	-	-
	Maximum input voltage	150 Vdc				1,000 Vdc			
	Max. input current (Isc)	30 A / input				15 A / input			
	Disconnect switch / string	Fuse on positive PV and negative PV				Fuse on positive PV and negative PV			
	Connector type	MC4 connectors				MC4 connectors			
	Input wire size	up to 6 mm²				up to 6 mm²			
OUTPUT	Number of ouput strings	-	-	-	-	1	2	3	4
	Max. DC output current	80 A	100 A	80 A	100 A	15 A	15 A	15 A	15 A
	Disconnect switch	Circuit breaker				-			
	Connector type	Terminal blocks		MC4 connectors		MC4 connectors			
	Number of output wire	1 positive,1 negative	1 positive,1 negative	3 positive, 3 negative	4 positive, 4 negative	1 positive,1 negative	2 positive, 2 negative	3 positive, 3 negative	4 positive, 4 negative
	Cable entry	PG13.5 cable gland		MC4 connectors		MC4 connectors			
	Recommended to use with	Solarcon SCO-series				Gravic G-4000 series, APOLLO GTP-4000TL series			
PROTECTION	Surge Protection	25 kA	25 kA	25 kA	25 kA	40 kA	2 x 40 kA	3 x 40 kA	4 x 40 kA
	Enclosure type (Polycarbonate)	IP65				IP65			
ENVIRONMENT	Temperture	-30 to 50°C (operating and storage) (Extended range 0 - 70°C)							
	Relative humidity	0 - 95% (non-condensing)							
DIMENSION	W x H x D in cm	27.3 x 26.5 x 11				10.7 x 25.5 x 92	27.3 x 26.5 x 11	38.1 x 26.5 x 11	27.3 x 41.5 x 11
WEIGHT	Approximate in kg.	2.5 kg.	3 kg.	3.5 kg.	4 kg.	1.5 kg.	2.6 kg	3.6 kg	4 kg

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

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 : RNEs@leonics.com ■ www.leonics.com ■