PROTECT PV.MH

COMPACT OUTDOOR UNITS FOR PV POWER STATIONS



The Protect PV solar inverter product line, designed by AEG Power Solutions, offers professional solutions for utility-scale applications on industrial roofs and ground area installations.

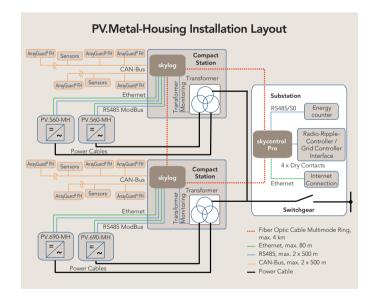
The PV.MH system is a light and compact connection comprised of an outer metal housing (with optimum corrosion protection) and an integrated Protect PV.560, PV.690 or PV.880 solar central inverter. The system is characterised by its low weight and small dimensions; it can be used virtually anywhere.

With this system, owners of large solar power plants benefit from the compact design and reduced transportation and assembly costs. The PV.MH is made of specially treated galvanised sheet steel mounted on a concrete foundation. Components such as the transformer and medium-voltage switchgear are located in a separate compact station, that can connect two PV.MH units with the medium-voltage grid.

Ethernet and fiber optic communication channels connected to the skylog via open standards such as ModBus or Ethernet form the foundation for communications in PV power plants using AEG PS solar central inverters.

A powerful online communications platform allows owners and operators to view the current and historical system status instantaneously.

With over 60 years of experience in power supply systems and solutions for power plants, AEG Power Solutions offers a comprehensive range of services aimed at securing maximum yields for your PV power installation. These services include contractual solutions with service guarantees and high inverter availability.







Protect PV.560-MH	Protect PV.690-MH	Protect PV.880-MI	
500 - 680 kWp	630 - 890 kWp	800 - 1150 kWp	
· · · · · · · · · · · · · · · · · · ·		486 - 1000 V	
000 1000 1		100 1000 1	
385 - 820 V		486 - 820 V	
		573 - 820 V	
		1440 A	
100071		111071	
1 1 3			
	Grade 2		
510 kV/A	430 F/V	800 kVA	
		880 kVA	
300 KVA		000 KVA	
202.1/		360 V	
		1283 A	
	Grade 2		
00.40//00	0.04/00.004	00 0 0//00 / 0//00 7 0/	
98.4 %/98.2		98.9 %/98.6 %/98.7 %	
	-,		
2400 0700		2400 0700 4000	
		3190 x 2792 x 1300 mm	
2900		ca. 2980 kg	
4000		7500 2/1	
6000	<u> </u>	7500 m³/h	
1: . ENINI 0./E			
according to FNN (VL	DN, BDEW) and corresponding	to local requirements	
	3 status LED, detailed history		
2.2		240 x 64 graphical LC Display and 4 display keys	
	0 1 1 1		
RS	485, RS 232, CAN BUS, Etherr	iet	
RS	5 485, RS 232, CAN BUS, Etherr mmable opto coupler inputs an	iet	
RS Freely prograr	5 485, RS 232, CAN BUS, Etherr mmable opto coupler inputs an ISDN, GSM, GPRS, DSL	et d dry contacts	
RS Freely prograr	5 485, RS 232, CAN BUS, Etherr mmable opto coupler inputs an ISDN, GSM, GPRS, DSL rofibus DP, Web portal, CANop	et d dry contacts	
RS Freely prograr	5 485, RS 232, CAN BUS, Etherr mmable opto coupler inputs an ISDN, GSM, GPRS, DSL	et d dry contacts	
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RS Freely prograr	5 485, RS 232, CAN BUS, Etherr mmable opto coupler inputs an ISDN, GSM, GPRS, DSL rofibus DP, Web portal, CANop Option in separate compact stations	et d dry contacts	
RS Freely prograr	6 485, RS 232, CAN BUS, Etherr mmable opto coupler inputs an ISDN, GSM, GPRS, DSL rofibus DP, Web portal, CANop Option in separate compact stations in separate compact stations	et d dry contacts	
RS Freely prograr	5 485, RS 232, CAN BUS, Etherr mmable opto coupler inputs an ISDN, GSM, GPRS, DSL rofibus DP, Web portal, CANop Option in separate compact stations	et d dry contacts	
	500 - 680 kWp 385 - 1000 V 385 - 820 V 500 - 820 V 1060 A 510 kVA 560 kVA 283 V 1144 A 98.4 %/98.	500 - 680 kWp 630 - 890 kWp 385 - 1000 V 465 - 1000 V 1000 V 385 - 820 V 465 - 820 V 500 - 820 V 550 - 820 V 1060 A 1170 A 1 MCCB up to 8 pcs. (pos & neg) Grade 2 510 kVA 630 kVA 560 kVA 690 kVA lag 0.9 - 1 - lead 0.9 283 V 345 V	

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For further information please refer to our website:



^{*1:} Depending on local environmental conditions - *2: External transformer necessary
*3: Without transformer (LV/MV) - Technical data is preliminary and subject to change without prior notice.