



APT-CB-D-S

APT-CB-DS



APT-CB-D-WIFI-S

APT-CB-4G/WIFI-S



APT-CB-D-WIFI-L

APT-CB-4G/WIFI-L



V2.5 CONTROL BOX DCON-S/4G/WIFI

Data Controller



V2.5 Module-Master™ Solution
Accessories



Multi-String Management



Super-HPLC | Unlimited Communication
Distance (4G WIFI)



Premium Design × Plug-and-Play



All-in-One Integrated Design



Compatible with Third-Party
String Inverters

Product Model	APT-CB-DS	APT-CB-D-4G-S/L	APT-CB-D-WIFI-S/L
Data controller	DCON-S	DCON-4G	DCON-WIFI
Compatible micro controller	R series	MR/MRO series	MR/MRO series
Communication mode with Acloud	WIFI*	4G	WIFI
Communication mode with micro controller	PLC	Super-HPLC	Super-HPLC
PLC Maximum Communication Distance (Along the Cable)**	Farthest micro controller ≤ 450m	Nearest micro controller ≤ 400m Distance between micro controllers ≤ 50m	
Number of Communication Magnetic Rings	2	S:1/L:3	
Max.number of strings supported	8 strings/mag ring (Rec.) Total max lsc/mag ring 180A	6 strings/mag ring(Rec.) Total max lsc/mag ring 160A	
Max.number of modules each ring	/	160	
Power Supply	100-240VAC	100-240VAC	
Communication Interval	/	5min	
Local Data Storage time	/	7Days	
Working ambient temperature	-20C~65C	-20C~65C	
Dimensions (LxWxD)	280x190x130 MM	S: 280x190x130 mm L: 340x280x130 mm	
Protection Rating	IP65	IP65	

Note*: Online remote shutdown is optional. if needed, APT-CB-DS must communicate with Acloud EOS.

Note**: Max DC resistance of DC cable <math>< 5(\Omega/\text{km})</math>, Higher resistance may affect communication distance.

